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MEDITERRANEAN BIOLOGICAL STUDIES

FINAL REPORT

VOLUME II OF II

APPENDICES 2, 3, 4

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APPENDIX 2

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Fish Data
Cyclothone braueri - Hygophum hygomi

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The tables in this appendix are among those that were used in analyzing the fish data, the results of which appear in Part 3 of the Text. For each species with sufficient data, four sets of tables are presented; the tables in each set are arranged numerically by station, and the sets appear in the following order: 1) Stage-Size, size frequency distributions for each stage or stage-sex combination, 2) Stage-Depth, catch rate as a function of stage of development and depth of capture, 3) Depth-Size:Day, catch rate as a function of depth of capture and size of the specimen, 4) Depth-Size:Night. Methods used for determining stage of development and for calculating catch rates are described in the Materials and Methods section of Part 3 of the Text.

TABLE 47

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMEDIATE	UNDESIGNATED	TOTALS
10								3	3
11								36	36
12								142	142
13								95	95
14							53		53
15							117		117
16							198		198
17							137		137
18			2	1				167	170
19			265						265
20			305						305
21			300						300
22			266						266
23			195						195
24			100						100
25			44						44
26			13						13
27			3						3
TOTALS	C	C	1457	1	0	C	505	443	2406

TABLE 48

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMEDIATE	UNDESIGNATED	TOTALS
10								11	11
11								36	36
12								21	21
13								7	7
14							10		10
15							54		54
16							175		175
17							133		133
18			5					118	123
19			184						184
20			341						341
21			378						378
22			383						383
23			314						314
24			130						130
25			55						55
26			12						12
TOTALS	C	C	1802	C	0	0	372	193	2367

TABLE 49

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMEDIATE	UNDESIGNATED	TOTALS
10								3	3
11								41	41
12								221	221
13								236	236
14							214		214
15							344		344
16							360		360
17							334		334
18								462	462
19			563						563
20			495						495
21			337						337
22			111						111
23			23						23
24			3						3
25			1						1
26									
27									
28			1						1
TOTALS	C	0	1534	0	0	0	1252	963	3749

TABLE 50

CYCLOTHONE ERAUERI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED-IATE	UNDESIGNATED	TOTALS
10								2	2
11								1	1
12								15	15
13								40	40
14							61		61
15							57		57
16							39		39
17							30		30
18								34	34
19			71						71
20			81						81
21			63						63
22			32						32
23			17						17
24			4						4
TOTALS	0	0	268	0	0	0	187	92	547

TABLE 51

CYCLOTHONE ERAUERI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED-IATE	UNDESIGNATED	TOTALS
12								15	15
13								96	96
14							180		180
15							204		204
16							126		126
17							81		81
18								44	44
19			40						40
20			34						34
21			24						24
22			13						13
23			3						3
24			1						1
TOTALS	0	0	115	0	0	0	591	155	861

TABLE 52

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	3.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.7	0.3	3	3
275														
300														
325														
350														
375	3.0	0.0	20.7	102.3	40.3	3	490							
400								3.0	0.0	34.0	89.7	41.3	3	495
425														
450														
475														
500	3.0	0.0	55.0	303.0	99.0	2	914							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.3	78.2	16.0	3	284	3.0	0.0	0.3	25.8	4.6	3	93
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3								
975														
1000														

TABLE 53

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	1.1	22.8	3.0	3	44
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	1.0	2.0	0.0	1	3	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	4.5	1.0	2	11							
325														
350														
375														
400	3.0	0.0	0.0	53.0	10.0	3	189	2.1	0.0	0.0	8.8	0.5	2	19
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	54.0	415.0	77.0	1	546
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	65.5	19.0	1	169	3.0	0.0	1.0	8.7	2.0	3	35
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	6.0	2.0	1	8	3.0	0.0	0.0	2.0	2.3	3	13

TABLE 54

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY JUVENILE	DAY FEMALE	DAY INTERMED.	DAY NUMBER OF SAMP.	DAY INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT JUVENILE	NIGHT FEMALE	NIGHT INTERMED.	NIGHT NUMBER OF SAMP.	NIGHT INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	6.0	3.0	1	9
125														
150	2.0	0.0	0.0	1.5	0.5	2	4	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.3	0.2	6	3	2.0	0.0	0.0	6.5	4.5	2	22
225														
250														
275														
300	2.0	0.0	13.0	21.5	20.5	2	110	3.0	0.0	0.0	0.3	0.0	3	1
325														
350														
375														
400	3.0	0.0	3.3	5.0	11.0	3	58	3.1	0.0	0.7	1.3	8.6	3	32
425														
450														
475														
500	3.0	0.0	101.0	155.0	180.0	3	1308	3.0	0.0	42.7	111.3	124.0	3	834
525														
550														
575														
600	3.0	0.0	9.3	94.7	38.4	3	419	3.0	0.0	4.3	100.0	27.7	3	396
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	7.5	3.0	2	21	3.0	0.0	0.0	7.3	3.9	3	34
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.5	2	1							

TABLE 55

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY JUVENILE	DAY FEMALE	DAY INTERMED.	DAY NUMBER OF SAMP.	DAY INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT JUVENILE	NIGHT FEMALE	NIGHT INTERMED.	NIGHT NUMBER OF SAMP.	NIGHT INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	48.0	158.0	138.0	1	344							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	1.0	16.0	1.0	1	18							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 56

CYCLOTHONE BRAUERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY NUMBER PER HOUR JUVENILE	DAY NUMBER PER HOUR FEMALE	DAY NUMBER PER HOUR INTERMED.	DAY NUMBER OF SAMP.	DAY NUMBER OF INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT NUMBER PER HOUR JUVENILE	NIGHT NUMBER PER HOUR FEMALE	NIGHT NUMBER PER HOUR INTERMED.	NIGHT NUMBER OF SAMP.	NIGHT NUMBER OF INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	1.0	1	1
75														
100								1.0	0.0	0.0	0.0	0.0	1	0
125														
150								1.0	0.0	2.0	1.0	1.0	1	4
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	12.0	5.0	87.0	1	104
450														
475														
500	1.0	0.0	1.0	3.0	2.0	1	6							
525								1.0	0.0	11.0	11.0	64.0	1	86
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	19.0	3.0	2	44							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 57

CYCLOTHONE BRAUERI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M) 150	235	375	500	700	940
10				1.5		
11			2.3	11.0		
12			10.7	27.5		
13			7.7	15.0	0.3	
14			4.7	3.5	0.7	
15			9.7	22.5	3.0	
16			12.3	45.0	8.0	
17			13.7	28.0	4.4	
18			18.3	27.5	1.7	
19			25.7	44.5	7.0	
20			24.3	62.0	7.6	
21			23.7	63.0	8.3	
22			16.0	62.5	14.0	
23			8.7	40.5	19.0	
24			2.7	21.5	12.3	
25			1.3	7.5	6.0	
26				1.5	3.0	
27					1.0	
NO./HOUR	0.0	0.0	181.7	484.5	96.2	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	545	969	289	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 58

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
10			1.0					
11								
12								
13								
14					0.5	0.3		
15						2.0	3.0	
16					0.5	5.0	10.0	1.0
17						2.7	6.0	1.0
18					0.5	8.3	6.0	1.0
19			2.0		0.5	17.3	9.0	
20					1.5	18.3	14.0	3.0
21					1.5	9.0	19.5	
22					0.5	7.0	11.0	3.0
23						1.3	8.0	
24							2.0	
25					0.5		2.0	
NO./HOUR	0.0	0.0	3.0	0.0	6.0	71.3	90.5	9.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	3	0	12	214	181	9
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 59

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
10							0.3	0.7		
11					0.5	0.3	8.0	1.3		
12					5.5		47.0	1.3		
13					7.0	3.0	45.7	2.0		
14					3.5	3.3	35.7	2.6		
15			0.5		5.0	4.7	49.7	14.2	2.0	0.5
16					8.5	1.0	49.0	14.0	1.0	
17				0.2	3.5	2.0	45.7	7.6		
18					6.0	0.7	63.0	10.9	0.5	
19			0.5	0.2	8.5	1.3	69.3	21.0	3.0	
20			0.5	0.2	10.0	2.0	52.7	27.7	0.5	
21			0.5		1.5	1.3	25.0	31.7	4.0	
22					1.0	0.3	6.7	10.2		
23					0.5		1.3	3.6		
24								0.3		
NO./HOUR	0.0	0.0	2.0	0.5	61.0	20.0	499.0	149.3	11.0	0.5
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	4	3	122	60	1497	452	22	1
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 60

CYCLOTHONE BRAUERI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
10	1.0	
11	1.0	
12	12.0	
13	34.0	1.0
14	52.0	
15	39.0	
16	29.0	
17	18.0	1.0
18	23.0	
19	43.0	
20	53.0	2.0
21	43.0	2.0
22	13.0	5.0
23	5.0	5.0
24	1.0	2.0
NO./HOUR	367.0	18.0
NO. HOURS	1.0	1.0
NO. SPEC.	367	18
NO. SAMPLES	1	1

TABLE 61

CYCLOTHONE BRAUERI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
13					1.0	
14					2.0	1.0
15						
16						0.5
17						1.5
18					1.0	0.5
19					2.0	2.0
20						7.5
21						5.0
22						3.5
23					1.0	0.5
24						0.5
NO./HOUR	0.0	0.0	0.0	0.0	7.0	22.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	7	45
NO. SAMPLES	1	1	1	1	1	2

TABLE 62

CYCLOTHONE BRAUERI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
11							2.3	
12							18.0	0.3
13							13.7	
14							10.0	
15						0.3	10.3	0.7
16							12.7	2.9
17							8.0	1.0
18							14.7	3.7
19							24.0	2.0
20							25.7	2.7
21						0.3	21.0	4.6
22							13.3	3.6
23						0.3	3.3	8.0
24							1.0	3.0
25							0.7	1.7
26								0.3
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	178.7	34.4
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	3	536	104
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 63

CYCLOTHONE BRAUERI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
10		0.5						9.0		
11								30.0	0.7	
12		0.5						12.0	0.3	
13								3.0		
14		0.5						5.0		
15		1.1						19.0	0.7	
16							0.5	40.0	1.0	1.7
17		1.4						13.0	0.3	0.7
18		2.5					1.9	18.0		0.3
19		2.9					2.0	35.0	1.0	0.3
20		6.5					4.9	86.0	0.7	
21		7.1					1.0	96.0	2.3	0.3
22		5.0					0.5	95.0	2.7	1.0
23		1.4					0.5	71.0	1.0	0.3
24								26.0	0.7	
25								5.0	0.3	
26								1.0		
NO./HOUR	0.0	29.4	0.0	0.0	0.0	0.0	11.2	564.0	11.7	4.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	48	0	0	0	0	23	564	35	14
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 64

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
11								3.0	0.7	
12							0.3	18.7	2.3	
13							0.3	21.0	1.3	
14					1.0		2.3	21.0	2.3	
15					1.0		3.6	27.3	6.7	1.7
16			1.0		1.0		2.0	32.7	12.3	1.0
17			2.0		1.5		0.7	43.0	6.3	1.3
18					3.0		2.3	54.7	13.0	1.3
19			3.0		2.0	0.3	0.7	52.0	26.0	2.7
20					1.5		0.3	41.0	28.0	2.0
21					3.0		0.3	13.3	30.0	2.0
22			1.0					4.3	13.7	0.6
23								0.3	2.0	
24			1.0					0.3		
25									0.3	
26										
27										
28			1.0							
NO./HOUR	0.0	0.0	9.0	0.0	14.0	0.3	12.8	332.7	145.0	12.6
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	9	0	28	1	39	998	435	38
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 65

CYCLOTHONE BRAUERI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
12								1.0	2.0
13				2.0				11.0	9.0
14				1.0				28.0	18.0
15								27.0	19.0
16		1.0						25.0	13.0
17								7.0	14.0
18								3.0	7.0
19				1.0				4.0	6.0
20								1.0	2.0
21									2.0
22									1.0
NO./HOUR	0.0	1.0	0.0	4.0	0.0	0.0	0.0	107.0	93.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	1	0	4	0	0	0	107	93
NO. SAMPLES	15	1	1	1	1	1	1	1	1

ELE 66

CLCTHONE PYGMAEA — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

ZE M	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
0								2	2
1								7	7
2								14	14
3					1			71	72
4							170		170
5							174		174
6							201		201
7			12		2			156	170
8			113						113
9			74						74
0			53						53
1			32						32
2			14						14
3			4						4
TALS	C	C	302	C	3	C	545	250	1100

ELE 67

CLCTHONE PYGMAEA — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

ZE M	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
2								11	11
3		1			2			31	34
4							98		98
5							275		275
6							497		497
7			14		6			567	589
8			659						659
9			588						588
0			352						352
1			145						145
2			38						38
3			12						12
4			2						2
5			3						3
TALS	C	1	1813	C	13		870	609	3303

ELE 68

CLCTHONE PYGMAEA — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

ZE M	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMED- IATE	UNDESIGNATED	TOTALS
10								2	2
11								10	10
12								29	29
13								82	82
14							79		79
15							67		67
16							67		67
17								58	58
18			28						28
19			19						19
20			13						13
21			5						5
22			1						1
23			1						1
TALS	C	C	67	0	0	0	213	181	461

LE 69

LUTHENE PYGMAEA — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

E	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMEDIATE	UNDESIGNATED	TOTALS
								8	8
								27	27
								48	48
							39		39
							48		48
							17		17
								5	5
			2						2
			1						1
ALS	0	0	3	0	0	0	104	92	199

LE 70

LUTHENE PYGMAEA — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

E	POSTLARVAE	JUVENILES	FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	INTERMEDIATE	UNDESIGNATED	TOTALS
								5	5
								5	5
								14	14
							26		26
							5		5
							7		7
								1	1
ALS	0	0	0	0	0	0	38	25	61

BLE 71

CLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

PTH	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.
URF														
25								1.1	0.0	0.0	1.0	0.0	2	1
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	24.8	34.6	137.5	3	594	3.0	0.0	6.0	26.0	35.7	3	204
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.7	39.3	7.7	3	143							
975														
000														

BLE 72

CLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

PTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.
URF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	3.7	56.9	32.5	3	145
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	1.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	2.0	2.5	2	9							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	6.0	4.0	13.0	1	23
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	4.5	250.5	150.0	1	810	3.0	0.0	2.0	88.2	55.9	3	439
825														
850														
875														
900														
925														
950														
975														
000	1.0	0.0	0.0	109.0	24.0	1	133	3.0	0.0	0.7	79.7	18.0	3	295

TABLE 73

CYCLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	2.0	2.0	3.0	1	7
125														
150	2.0	0.0	0.0	1.5	1.5	2	6	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	7.0	0.0	3.3	3	31	3.0	0.0	2.0	0.0	1.0	3	9
625														
650														
675														
700														
725														
750	2.0	0.0	10.5	3.0	22.5	2	72	3.0	0.0	15.7	3.0	22.3	3	123
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	3.4	14.7	17.0	2	112							

TABLE 74

CYCLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	24.0	0.0	16.0	1	40							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	10.0	1.0	9.0	1	20							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

LE 75

LOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

TH	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	FEMALE	INTERMED.	NUMBER OF SAMP.	INDIV.
RF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
00								1.0	0.0	0.0	0.0	0.0	1	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
00														
25														
50	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
75														
00														
25								1.0	0.0	0.0	0.0	0.0	1	0
50	1.0	0.0	0.0	0.0	0.0	1	0							
75														
00														
25	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
50														
75														
00	1.0	0.0	0.0	0.0	0.0	1	0							
25								1.0	0.0	0.0	0.0	0.0	1	0
50														
75														
00														
25														
50														
75	2.0	0.0	5.5	0.0	12.0	2	35							
00														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00														

E 76

OTHONE PYGMAEA
Y

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
					0.7	
					1.7	0.3
					3.0	
					19.6	0.3
					45.5	0.3
					45.6	2.0
					46.4	5.3
					31.1	11.3
					18.2	9.7
					7.3	8.0
					5.9	8.3
					2.3	6.0
					0.7	3.3
					0.3	0.3
HOUR	0.0	0.0	0.0	0.0	228.1	55.3
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	0	0	0	0	688	166
SAMPLES	3	2	3	2	3	3

BLE 77

CLOTHONE PYGMAEA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE M	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
2							1.5	
3							3.0	
4			1.0		0.5		13.5	4.0
5					2.0		47.5	7.0
6							89.0	13.0
7					1.0		100.0	33.0
8					1.0		100.5	38.0
9					1.0		80.5	30.0
0							37.0	27.0
1							21.0	8.0
2							5.5	2.0
3							1.0	
4								1.0
./HOUR	0.0	0.0	1.0	0.0	5.5	0.0	500.0	163.0
. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
. SPEC.	0	0	1	0	11	0	1000	163
. SAMPLES	2	2	1	2	2	3	1	1

BLE 78

CLOTHONE PYGMAEA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE M	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1									0.5	0.2
2								1.7	3.5	0.2
3								5.3	6.5	3.0
4								2.0	9.0	3.9
5			1.5					0.7	8.0	4.2
6								0.7	5.5	8.8
7			1.5						3.0	8.3
8			1.5						2.0	4.6
9									0.5	4.9
0										3.4
1									0.5	0.7
2										0.5
3										0.5
./HOUR	0.0	0.0	4.5	0.0	0.0	0.0	0.0	10.3	39.0	43.4
. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
. SPEC.	0	0	9	0	0	0	0	31	78	139
. SAMPLES	2	6	2	6	2	3	3	3	2	2

ABLE 79

CLOTHONE PYGMAEA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE M	DEPTHS SAMPLED (M)	
	500	700
11	4.0	
12	11.0	4.0
13	9.0	6.0
14	9.0	6.0
15	6.0	1.0
16	1.0	2.0
17	2.0	2.0
18		
19		1.0
0./HOUR	42.0	22.0
0. HOURS	1.0	1.0
0. SPEC.	42	22
0. SAMPLES	1	1

ABLE 80

'CLOTHONE PYGMAEA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE M	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1						1.5
2						1.0
3						3.0
4						6.5
5						3.5
6						2.0
7						0.5
./HOUR	0.0	0.0	0.0	0.0	0.0	18.0
. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
. SPEC.	0	0	0	0	0	36
. SAMPLES	1	1	1	1	1	2

LE 81

LCTHONE PYGMAEA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
IGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

E	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
								0.3
								1.6
								4.0
								10.6
								10.3
								14.8
								13.7
	1.0							9.3
								9.3
								3.3
								2.3
								0.7
								0.7
/HOUR	1.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
SPEC.	1	0	0	0	0	0	0	245
SAMPLES	2	1	1	3	1	3	3	3

ABLE 82

'CLOTHONE PYGMAEA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE M	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
2		0.5						2.0		
3		3.2						4.0	2.0	0.7
4		6.5						8.0	5.7	1.7
5		8.9						5.0	17.9	5.0
6		17.1							32.3	11.3
7		21.2							34.6	17.7
8		21.4							36.6	22.0
9		19.9						1.0	29.3	29.3
0		10.9						2.0	15.0	16.0
1		3.2							5.3	8.0
2		1.6						1.0	1.3	2.0
3									0.3	1.7
4										
5									0.3	0.3
./HOUR	0.0	114.3	0.0	0.0	0.0	0.0	0.0	23.0	180.7	115.7
. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
. SPEC.	0	178	0	0	0	0	0	23	543	347
. SAMPLES	24	3	1	1	3	3	2	1	3	3

LE 83

OTHONE PYGMAEA
GHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
										0.3
										1.4
									0.7	4.0
			2.0						1.3	10.0
			2.0						1.0	9.7
										6.6
			1.0							5.9
			1.0							6.1
			2.0							0.6
										1.3
										0.6
										0.4
HOUR	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	3.0	47.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	0	8	0	0	0	0	0	9	141
SAMPLES	58	1	1	3	2	3	3	3	3	3

LE 84

CSTOMA CENOCATUM NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

E	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
	1								1
ALS	1	C	C	C	C	C	C	C	1

AELE 85

CNOSTOMA CENOCATUM NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
13	2								2
14	1								1
15	2								2
16									
17	1								1
18	1								1
19	1								1
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33		1							1
34									
35		1							1
36									
37		1							1
38									
39									
40		1							1
41									
65					1				1
[redacted]					1				1
97									
TOTALS	8	4	C	C	2	0	C	C	14

BLE 86

NCSTOMA CENUCATUM NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

ZE M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
E		1							1
TALS	0	1	0	0	0	0	0	0	1

LE 87

OSTOMA DENUDATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

TH	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
RF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
25														
50	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.3	0.0	0.0	0.0	3	1
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	2	0							
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
25														
50														
75														
00														
25														
50														
75														
00								1.0	0.0	0.0	0.0	0.0	1	0
25														
50														
75														
00														
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00														
25														
50														
75														
00	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

LE 88

OSTOMA DENUDATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

TH	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
RF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
00	6.0	0.0	0.0	0.0	0.0	6	0	1.0	2.0	0.0	0.0	0.0	1	2
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.0	0.0	3	1
75														
00	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	1.0	0.0	0.0	3	3	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00														
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
75														
00														
25														
50														
75														
00														
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 89

GONOSTOMA DENUDATUM — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
33							0.3			
34										
35										
36										
37							0.3			
38										
39										
40							0.3			
[illegible]										
65							0.3			
[illegible]										
97								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	4	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 90

GONOSTOMA DENUDATUM — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
16					0.3					
NO./HOUR	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 91

GONOSTOMA DENUDATUM — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
18			1.0							
19			1.0							
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35				0.3						
NO./HOUR	0.0	0.0	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	2	1	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 92

ICHTHYOCCCCUS OVATUS NUMBER CF SPECIMENS CAUGHT IN CISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
30				1					1
31									
32									
33									
34									
35									
36				1					1
TOTALS	C	C	C	2	0	0	C	0	2

TABLE 93

CHTHYOCOCCUS OVATUS NUMBER CF SPECIMENS CAUGHT IN CISCRETE DEPTH SAMPLES FROM MED 3

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		2							2
13									
14		1							1
15									
16	1								1
17		1							1
18									
19									
20									
21									
22									
23									
24									
25									
26									
27				1					1
28									
29									
30				1					1
31									
32									
33									
34									
35									
36									
37									
38									
39				1					1
TALS	1	4	C	3	0	0	C	C	8

BLE 94

HTHYOCOCCUS OVATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

PTH M	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY JUVENILE	DAY SUBADULT	DAY ADULT	DAY NUMBER OF SAMP.	DAY INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT JUVENILE	NIGHT SUBADULT	NIGHT ADULT	NIGHT NUMBER OF SAMP.	NIGHT INDIV.
URF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.7	3	2	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

BLE 95

THYOCOCCUS OVATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

TH	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY JUVENILE	DAY SUBADULT	DAY ADULT	DAY NUMBER OF SAMP.	DAY INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT JUVENILE	NIGHT SUBADULT	NIGHT ADULT	NIGHT NUMBER OF SAMP.	NIGHT INDIV.
RF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
00	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	1
75														
00	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.7	3	2	3.1	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.3	0.0	0.0	3	1	3.0	0.0	1.0	0.0	0.0	3	3
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00														
25														
50	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
75														
00														
25														
50														
75														
00														
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	2	0							

ABLE 96

CHTHYOCOCCUS OVATUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE IM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
0						0.3		
1								
2								
3								
4								
5								
6						0.3		
./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
. SPEC.	0	0	0	0	0	2	0	0

ABLE 97

CHTHYOCOCCUS OVATUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE IM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
6									0.5	
7							0.3			
8										
9										
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										
0						0.3				
1										
2										
3										
4										
5										
6										
7										
8										
9						0.3				
./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.5	0.0
. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
. SPEC.	0	0	0	0	0	2	1	0	1	0
. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 98

ICHTHYOCOCCUS OVATUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
12								0.7		
13										
14								0.3		
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27				0.3						
NO./HOUR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	3	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 99

MAUROLICUS MUELLERI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
17								1	1
18									
19									
20									
21									
22			1						1
23									
24									
25									
26									
27									
28									
29									
30			1						1
31									
32					1				1
TOTALS	0	0	2	0	1	0	0	1	4

LE 100

RDLICUS MUELLERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

TH	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
RF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	0.0	1	1
25														
50	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	2	0							
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
25														
50														
75														
00														
25														
50														
75														
00								1.0	0.0	0.0	0.0	0.0	1	0
25														
50														
75														
00														
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00														
25														
50														
75														
00	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

ABLE 101

AUROLICUS MUELLERI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE MM	DEPTHS SAMPLED (M) SURF	12	45	100	150	200	400	600	800	1000
17			0.5							
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30				1.0						
31										
32				1.0						
O./HOUR	0.0	0.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
O. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
O. SPEC.	0	0	1	2	0	0	0	0	0	0
O. SAMPLES	24	3	1	1	3	3	2	1	3	3

ABLE 102

INCIGUERRIA ATTENUATA NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12	1								1
13	1	10							11
14		5							5
15	1	1							2
16	4	1							5
17	1								1
18	2					1			3
19									
20			1						1
21									
22			1						1
23									
24			1						1
25									
26									
27									
28									
29									
30									
31									
32									
33				1					1
TALS	10	21	3	1	0	1	0	0	36

ABLE 103

INCIGUERRIA ATTENUATA NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11		1							1
12		3							3
13	1	5							6
14	5	19	1			3			28
15	21	24	5			2			52
16	11	14	12			9		4	48
17	8	3	20			13		4	48
18	3		9			9		2	23
19			3			7		1	11
20			2			7		1	10
21			3			3			6
22			1			1			2
23									
24			2			2			4
25			1						1
26			2						2
27									
28									
29			2				3		5
30							1	1	2
31			1						1
32			1	1			2		4
33				1			1		2
34									
35									
36				1					1
TALS	49	69	63	3	0	56	7	13	260

BLE 104

NCIGUERRIA ATTENUATA NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

ZE M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
0	1	4							5
1	1	1							2
2	6	8							14
3	4	13							17
4	9	19							28
5	17	16							33
6	16	11				1			28
7	5	10							15
8		7				1			8
9		5				1			6
0		1							1
1			1						1
2			2						2
3		1				1			2
4									
5									
6									
7									
8				1			3		4
9									
0									
1									
2				1			1		2
TALS	59	96	3	2	0	4	4	0	166

BLE 105

NCIGUERRIA ATTENUATA NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

ZE M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
3		1							1
4		4							4
5		2							2
6									
7		2							2
8			1						1
9			3			1			4
TALS	0	9	4	0	0	1	0	0	14

BLE 106

NCIGUERRIA ATTENUATA NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

ZE M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
1		1							1
2									
3		8							8
4	1	8							9
5		5							5
6		3							3
7		1							1
8		2							2
9		1				2			3
0									
1									
2						1			1
3						1			1
4						1			1
5			1						1
6									
7			1						1
8			1						1
TALS	1	29	3	0	0	5	0	0	38

TABLE 107

VINCIGUERRIA ATTENUATA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	1.0	0.0	0.0	0.0	1	1
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.3	0.0	0.0	0.0	3	1
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	1	3.0	0.0	0.3	0.7	0.3	3	4
275														
300														
325														
350														
375	3.0	0.0	0.3	0.3	0.0	3	2							
400								3.0	0.0	2.3	0.3	0.0	3	8
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	10							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	2.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 108

VINCIGUERRIA ATTENUATA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	15.0	0.0	0.0	0.5	1	31
75														
100	2.0	0.5	0.0	0.0	0.5	2	2	1.0	0.0	0.0	2.0	4.0	1	6
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	1.0	0.7	3.7	1.3	3	20
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.7	4.0	12.3	1.0	3	54
225														
250														
275														
300	2.0	0.0	25.5	18.5	0.0	2	88							
325														
350														
375														
400	3.0	0.3	3.0	0.7	0.7	3	14	2.1	0.5	5.0	2.0	0.0	2	15
425														
450														
475														
500														
525														
550														
575														
600								1.0	4.0	1.0	0.0	0.0	1	5
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.5	1.0	0.5	0.0	1	4	3.0	0.0	0.3	0.0	0.0	3	1
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 109

VINCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25								29.0	0.0	0.0	0.0	0.0	58	0
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	5.5	0.0	0.0	0.0	1	6
75														
100	6.0	2.5	0.2	0.2	0.0	6	17	1.0	0.0	0.0	2.0	0.0	1	2
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	1.0	1.0	3	7
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	1.0	1.0	0.0	2	4
225														
250														
275														
300	2.0	0.0	4.0	0.5	0.0	2	9	3.0	0.0	7.0	1.7	0.3	3	27
325														
350														
375														
400	3.0	0.0	4.0	1.7	0.3	3	18	3.1	0.0	2.0	1.0	0.0	3	6
425														
450														
475														
500	3.0	0.0	4.0	0.7	0.3	3	16	3.0	0.0	2.7	0.3	0.0	3	9
525														
550														
575														
600	3.0	3.3	1.0	0.0	0.0	3	13	3.0	3.0	0.0	0.0	0.0	3	9
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

BLE 110

NCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
URF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	5.0	2.0	0.0	1	7							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	0.0	1	0							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
000														

ABLE 111

INCIGUERRIA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
EPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	0.0	0.0	3.0	0.0	1	3
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	1.0	0.0	0.0	1	1	1.0	0.0	0.0	2.0	0.0	1	2
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	5.0	1.0	0.0	1	6
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	3.0	1.0	0.0	1	4
450														
475														
500	1.0	0.0	1.0	0.0	0.0	1	1							
525								1.0	0.0	2.0	1.0	0.0	1	3
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

LE 112

CIGUERRIA ATTENUATA
AY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

E

	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
				2.5		
		C.5	0.3	2.0		
				0.5		
			0.3			
/HOUR	0.0	0.5	0.7	5.0	0.0	0.0
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	0	1	2	10	0	0
SAMPLES	3	2	3	2	3	3

TABLE 112A

VINCIGUERRIA ATTENUATA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
12					0.5	0.3		
13					2.0	0.3		
14					4.5	0.3	1.0	
15					9.5	1.3		
16		0.5			9.0	1.0		
17					10.5		0.5	
18					2.5		0.5	
19					3.0	0.3		
20					1.0			
21					0.5			
22					1.0			
23								
24								
25								
26						0.3		
27								
28								
29						0.3		
30		0.5						
31								
32						0.3		
NO./HOUR	0.0	1.0	0.0	0.0	44.0	4.7	2.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	88	14	4	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 113

VINCIGUERRIA ATTENUATA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
10		0.2					0.3	1.0		
11		0.2					0.3			
12		0.7					0.7			
13		0.7			0.5	0.7				
14		0.7			1.5	0.7	1.7	0.7		
15		0.3			1.0	1.7	1.0	1.6		
16					1.0	1.0		1.0		
17						1.3				
18						0.3	0.3			
19		0.2			0.5		0.3			
20							0.3			
21										
22										
23										
24										
25										
26										
27										
28						0.3	0.3			
NO./HOUR	0.0	2.8	0.0	0.0	4.5	6.0	5.3	4.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	17	0	0	9	18	16	13	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 114

VINCIGUERRIA ATTENUATA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
13	1.0	
14	2.0	
15	2.0	
16		
17		
18		
19	2.0	
NO./HOUR	7.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	7	0
NO. SAMPLES	1	1

TABLE 115

VINCIGUERRIA ATTENUATA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
13	1.0					
14						
15					1.0	
NO./HOUR	1.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	1	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 116

VINCIGUERRIA ATTENUATA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
13							1.3	
14							1.0	
15								
16			1.0	0.3		0.3		
17								
18								
19								
20							0.3	
21								
22						0.3		
23								
24						0.3		
25								
26								
27								
28								
29								
30								
31								
32								
33						0.3		
NO./HOUR	0.0	0.0	1.0	0.3	0.0	1.3	2.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	1	1	0	4	8	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 117

VINCIGUERRIA ATTENUATA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
13							0.5			
14			1.5				2.5	1.0	0.3	
15			6.5		0.3	1.7	1.5	4.0		
16			4.5		0.3	3.0	0.5			
17			2.0		1.0	5.7	1.0			
18			0.5		1.3	3.7				
19					1.3					
20				1.0		1.3	0.5			
21					0.7	0.3	1.0			
22										
23										
24						1.3				
25				1.0						
26					0.3					
27										
28										
29			0.5		0.7	0.3				
30						0.3				
31				1.0						
32				1.0	0.3	0.3				
33				1.0	0.3					
34										
35										
36				1.0						
NO./HOUR	0.0	0.0	15.5	6.0	6.6	18.0	7.4	5.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	31	6	20	54	15	5	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 118

VINCIGUERRIA ATTENUATA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
12						1.0		1.0		
13						2.7	0.3			
14						2.7	0.3		0.7	
15		1.8				0.3		1.3	1.0	
16		0.9		0.3	1.0	0.3	0.3	0.3	1.3	
17		2.8			1.0		0.7	0.3		
18			1.0	1.0		0.3				
19						0.7				
20										
21						0.3				
22			1.0							
23						0.3	0.3			
24										
25										
26										
27										
28				0.3		0.3				
29										
30										
31										
32				0.7						
NO./HOUR	0.0	5.5	2.0	2.3	2.0	9.0	2.0	3.0	3.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	6	2	7	4	27	6	9	9	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 119

VINCIGUERRIA ATTENUATA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
13						1.0		1.0	1.0
14						2.0		1.0	
15						2.0			1.0
16								1.0	
17								1.0	
18			2.0						
19			1.0		1.0				1.0
20									
21									
22						1.0			
23									
24					1.0				
NO./HOUR	0.0	0.0	3.0	0.0	2.0	6.0	0.0	4.0	3.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	3	0	2	6	0	4	3
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 120

VINCIGUERRIA POWERIAE NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
9	1								1
10									
11	2								2
12	3	1							4
13	1	2							3
14	5	10							15
15	6	5							11
16	6	2							8
17	8	2							10
18	3	2							5
19						1			1
20						4			4
21			2			2			4
22			1	1					2
23			1						1
24			1						1
25				1					1
26									
27									
28									
29							2		2
30				1					1
TOTALS	35	24	5	3	0	7	2	0	76

TABLE 121

VINCIGUERRIA POWERIAE NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
14		5							5
15		5							5
16									
17									
18						1			1
TOTALS	0	10	0	0	0	1	0	0	11

TABLE 122

VINCIGUERRIA POWERIAE NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
13		3							3
14	1	2							3
15	1	5							6
16		1	1						2
17			1			3		1	5
18						1		1	2
19									
20			1			1			2
TOTALS	2	11	3	0	0	5	0	2	23

ABLE 123

INCIGUERRIA POWERIAE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
EPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.9	0.0	9.2	1.8	1	13
75														
100	6.0	0.7	0.0	0.0	0.0	6	4	1.0	0.0	0.0	0.0	1.0	1	1
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.2	0.0	6	1	2.0	0.5	0.0	0.0	0.0	2	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.7	0.0	0.0	3	2
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	1.3	3.3	0.0	0.0	3	14	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	2.0	0.0	0.0	0.0	3	6
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

ABLE 124

INCIGUERRIA POWERIAE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
EPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	6.0	0.0	0.0	1	6							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	0.0	1	0							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

ABLE 125

INCIGUERRIA POWERIAE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

EPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	0.0	7.0	0.0	0.0	1	7
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	2.0	0.0	1	2
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	1.0	0.0	0.0	0.0	1	1
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
000														

LE 126

CIGUERRIA POWERIAE
AY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

E

	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
		0.2					0.3			
		0.2					0.3			
							2.3			
		0.2					1.0			
							0.7			
		0.2								
				0.2						
HOUR	0.0	0.7	0.0	0.2	0.0	0.0	4.7	0.0	0.0	0.0
HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
SPEC.	0	4	0	1	0	0	14	0	0	0
SAMPLES	2	6	2	6	2	3	3	3	2	2

ABLE 127

INCIGUERRIA POWERIAE
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE MM	DEPTHS SAMPLED (M)	
	500	700
14	3.0	
15	3.0	
O./HOUR	6.0	0.0
O. HOURS	1.0	1.0
O. SPEC.	6	0
O. SAMPLES	1	1

ABLE 128

NCIGUERRIA POWERIAE
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
17		1.0				
O./HOUR	0.0	1.0	0.0	0.0	0.0	0.0
O. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
O. SPEC.	0	1	0	0	0	0
O. SAMPLES	1	1	1	1	1	2

ABLE 129

NCIGUERRIA POWERIAE
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
9					0.5					
10										
11										
12										
13						0.3				
14		0.9				0.3			0.7	
15									0.7	
16									0.7	
17										
18										
19		0.9								
20		2.8								
21		2.8								
22		1.8								
23		0.9								
24		0.9								
25			1.0							
26										
27										
28										
29		0.9								
NO./HOUR	0.0	12.0	1.0	0.0	0.5	0.7	0.0	0.0	2.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	13	1	0	1	2	0	0	6	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 130

VINCIGUERRIA POWERIAE — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
13			1.0						
14			1.0						
15			5.0					1.0	
16									
17					1.0				
18					1.0				
NO./HOUR	0.0	0.0	7.0	0.0	2.0	0.0	0.0	1.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	7	0	2	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 131

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	1								1
9	2								2
10	8	2							10
11	9	2							11
12									
13		1	1						2
14			1						1
15						1			1
16									
17			1			2			3
18			1			2			3
19						1		1	2
20				3			6		9
21				1			4		5
22				3			15	1	19
23				6			5		11
24				3			4	1	8
25				6			2		8
26				4					4
27				3			1		4
28				2					2
29				1					1
TOTALS	20	5	4	32		6	41	3	111

TABLE 132

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	8								8
8	26	1							27
9	7	2				1			10
10		2							2
11		3							3
12			2			1			3
13									
14									
15								1	1
16									
17									
18									
19							1		1
20							1		1
21							1		1
22				3			1		4
23				1			3		4
24				4			6		10
25				7			9		16
26				3			2		5
27				4					4
28				1					1
29				1			1		2
30									
31				1					1
32									
33									
34									
35									
36									
37									
38									
39							1		1
TOTALS	41	8	2	25		2	26	1	105

TABLE 133

ARGYROPELECUS HEMIGYMNUS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	1								1
7	7								7
8	5								5
9	1	5							6
10		6							6
11		7							7
12		1							1
13		3							3
14									
15						1			1
16			2						2
17			1			3			4
18									
19			2						2
20			1				3		4
21			1				2		3
22							2		2
23							1		1
24			1				5		6
25				1			5		6
26				3			2		5
27				2			1		3
28				3			3		6
29				1			1		2
30									
31							1		1
32							4		4
TOTALS	14	22	8	1		4	40		98

TABLE 134

ARGYROPELECUS HEMIGYMNUS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	1								1
8									
9									
10									
11									
12									
13		1							1
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26								1	1
27				1					1
TOTALS	1	1		1				1	4

TABLE 135

ARGYROPELECUS HEMIGYMNUS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	4								4
7	4	3							7
8		13							13
9		6							6
10		3							3
11									
12									
13		1							1
14									
15									
16						1			1
17			2						2
18									
19									
20									
21									
22									
23							1		1
24				1					1
25							1		1
26							1		1
27							1		1
28							2		2
29									
30							2		2
31									
32									
33				1					1
34							1		1
35									
36				1					1
TOTALS	8	26	2	3		1	9		49

SYNOPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

TH	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
RF														
25								1.1	0.0	0.0	0.0	0.0	2	0
5								1.5	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	1.0	1	1
25														
5	[illegible]	[illegible]	[illegible]	[illegible]	0.3	3	1	[illegible]	[illegible]	[illegible]	[illegible]	0.3	3	1
75														
								1.0	[illegible]	[illegible]	[illegible]	2.0	1	2
25	[illegible]	[illegible]	[illegible]	[illegible]	0.3	2	[illegible]	[illegible]	[illegible]	0.3	1.0	7.7	3	27
75														
25														
75	[illegible]	[illegible]	.7	1.0	7.3	3	37							
25								[illegible]	2.7	[illegible]	[illegible]	3.0	3	21
75														
	[illegible]	1.0	[illegible]	[illegible]	1.5	2	[illegible]							
25														
75														
25														
75	[illegible]	[illegible]	[illegible]	[illegible]	.7	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.3	3	1
25														
75														
25														
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2								

SYNOPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DAY							NIGHT						
TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.1	24	1
							1.5	0.0	0.0	0.0	0.0	3	0
							2.0	0.0	0.0	0.0	0.0	1	0
2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
1.0	0.0	0.0	1.0	0.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	1.3	3	4
2.0	0.5	3.5	0.0	0.0	2	8							
3.0	2.7	0.0	0.7	6.0	3	28	2.1	8.8	0.5	0.5	7.8	2	36
							1.0	0.0	0.0	0.0	0.0	1	0
2.0	0.5	0.0	0.0	0.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.7	3	2

TABLE 138

ARGYROPELECUS HEMIGYMNUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.5	2	1
225														
250														
275														
300	2.0	0.0	0.5	0.0	0.5	2	2	3.0	0.0	0.3	1.3	2.3	3	12
325														
350														
375														
400	3.0	0.7	0.0	1.0	2.0	3	11	3.1	3.7	3.6	0.0	2.3	3	29
425														
450														
475														
500	3.0	0.3	0.7	0.0	2.7	3	11	3.0	0.0	0.7	0.3	2.3	3	10
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.3	3	1	3.0	0.0	0.3	0.0	2.7	3	9
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

E 139

YROPELECUS HEMIGYMNUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

TH	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
RF														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00	1.0	0.0	0.0	0.0	0.0	1	0							
25														
50														
75														
00														
25														
50														
75														
00	1.0	1.0	1.0	0.0	0.0	1	2							
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00														

TABLE 140

ARGYROPELECUS HEMIGYMNUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25								1.0	0.0	0.0	0.0	0.0	1	0
50														
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125								1.0	0.0	0.0	0.0	1.0	1	1
150								1.0	0.0	0.0	0.0	1.0	1	1
175	1.0	0.0	0.0	0.0	0.0	1	0							
200														
225								1.0	0.0	0.0	0.0	0.0	1	0
250	1.0	0.0	0.0	0.0	0.0	1	0							
275														
300								1.0	0.0	0.0	0.0	2.0	1	2
325														
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400								1.0	5.0	7.0	1.0	2.0	1	15
425	1.0	0.0	0.0	0.0	0.0	1	0							
450														
475								1.0	1.0	1.0	1.0	1.0	1	4
500	1.0	0.0	1.0	0.0	0.0	1	1							
525														
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

BLE 141

GYROPELECUS HEMIGYMNUS

DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE M	DEPTHS SAMPLED (M) 150	235	375	500	700	940
6			0.7			
7			1.0	1.0		
8			2.3			
9						
10						
11			0.3			
12						
13						
14						
15						
16			0.7			
17						
18				0.5		
19						
20			1.0			
21	0.3		1.3			
22			1.7	0.5	0.7	
23			1.0			
24			0.7			
25			0.3	1.0		
26			0.3			
27			0.3			
28			0.3			
29			0.3			
O./HOUR	0.3	0.0	12.3	3.0	0.7	0.0
O. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
O. SPEC.	1	0	37	6	2	0
O. SAMPLES	3	2	3	2	3	3

TABLE 142

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
7						0.7		
8					1.0	1.3		
9					1.0	1.0	0.5	
10					1.0			
11					1.0			
12						0.3		
13								
14								
15			1.0					
16								
17								
18								
19						0.3		
20								
21								
22						0.7		
23						1.0		
24						1.3		
25						0.7		
26						0.7		
27						0.7		
28						0.3		
29								
30								
31						0.3		
NO./HOUR	0.0	0.0	1.0	0.0	4.0	9.3	0.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	1	0	8	28	1	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 143

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
6						0.3				
7						0.3	0.3			
8										
9										
10							0.3			
11					0.5		0.3			
12										
13										
14										
15										
16						0.3				
17						0.7				
18										
19										
20										
21							0.3			
22					0.5		0.3			
23						0.3	0.7			
24						0.3				
25						0.7	0.7			
26						0.7	0.3			
27										
28							0.3			
29								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	1.0	3.7	3.7	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	2	11	11	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 144

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
7		1.0
8		
9		
10		
11		
12		
13		1.0
NO./HOUR	0.0	2.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	2
NO. SAMPLES	1	1

TABLE 145

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
8					1.0	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	1	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 146

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
5							0.3	
6								
7							1.7	
8							1.3	
9								
10								
11						0.3		
12							0.3	
13								
14								
15								
16						0.3		
17						0.7	0.3	
18								
19								
20						1.7		
21						1.0		
22						2.0		
23			1.0			1.0	1.0	
24						1.0		0.3
25					2.0	0.3	0.7	
26						0.3	0.7	
27				0.3		0.3	0.3	
28							0.3	
NO./HOUR	0.0	0.0	1.0	0.3	2.0	9.0	7.0	0.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	1	1	2	27	21	1
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 147

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
7							2.5			
8							5.4			
9							1.0			
10										
11							0.5			
12							0.5			
13										
14										
15										
16										
17										
18										
19										
20										0.3
21						0.3				
22							0.5			
23						0.3				
24						0.7	1.4			
25							4.4			0.3
26							1.0			
27										
28										
29							0.5			
30										
31										
32										
33										
34										
35										
36										
37										
38										
39	0.08									
NO./HOUR	0.1	0.0	0.0	0.0	0.0	1.3	17.5	0.0	0.0	0.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	1	0	0	0	0	4	36	0	0	2
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 148

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
7							1.7			
8							1.7			
9							1.9			
10							0.3		0.3	
11							0.7	0.7		
12							0.3			
13						0.3	0.7			
14										
15										
16										
17						0.3				
18										
19						0.3				
20						0.3	0.6	0.3		
21						0.3				
22										
23						1.3	0.3	0.3		
24						0.3		0.7		
25					0.5		0.3			
26							0.3	0.3		
27						0.7		0.3		
28							0.3	0.3	1.0	
29							0.3	0.3		
30										
31									0.3	
32									1.3	
NO./HOUR	0.0	0.0	0.0	0.0	0.5	4.0	9.5	3.3	3.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	12	29	10	9	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 149

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
6								3.0	
7								5.0	1.0
8								3.0	
9									
10								1.0	
11									
12									
13									1.0
14									
15									
16									
17								1.0	1.0
18									
19									
20									
21									
22									
23									
24								1.0	
25							1.0		
26									1.0
27							1.0		
28									
29									
30									
31									
32									
33					1.0				
34								1.0	
35									
36.				1.0					
NO./HOUR	0.0	0.0	0.0	1.0	1.0	0.0	2.0	15.0	4.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	1	1	0	2	15	4
NO. SAMPLES	15	1	1	1	1	1	1	1	1

ELE 150

THOPHILUS NIGERRIMUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

ZE M	PESTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
1				1					1
TALS	0	0	0	1	0	0	0	0	1

ABLE 151

ATHOPHILUS NIGERRIMUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

IZE MM	PESTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
68				1					1
TALS	0	0	0	1	0	0	0	0	1

TABLE 152

BATHOPHILUS NIGERRIMUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.5	1	1
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 153

BATHOPHILUS NIGERRIMUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.3	3	1	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 154

BATHOPHILUS NIGERRIMUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
68								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 155

BATHOPHILUS NIGERRIMUS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
81			0.5							
NO./HOUR	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 156

STOMIAS BOA EUA — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MOD 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
27		1							1
28									
29									
30									
31									
32		2							2
33		1							1
34									
35									
36									
37									
38									
39									
40		1							1
41									
42									
43									
44									
45		1							1
46									
47									
48									
49									
50		4							4
51									
52		4							4
53									
54		1							1
55									
56		4							
57									
58									
59									
60		2							2
61		1							1
62									
63									
64									
65		1							1
66		1							1
67									
68									
69		1							1
70		1							1
71									
72									
73									
74									
75									
76									
77									
78									
79		1							1
80		1							1
81									
82		1							1
83									
84									
85		1							1
86		1							1
[illegible]									
117								1	1
118									
119									
120								1	1
TOTALS	0	25	0	0	0	0	0	2	31

CMIAS ECA ECA — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

VE -	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
4		1							1
5									
6									
7									
8									
9									
0		1							1
1		2							2
2									
3									
4		1							1
5									
6									
7		2							2
8									
9		2							2
0		1							1
1		3							3
2		1							1
3									
4									
5		2							2
6		2							2
7									
8									
9		2							2
0		1							1
1									
2		1							1
3		1							1
4		1							1
5		1							1
6									
7		1							1
8									
9									
0		1							1
1									
2									
3									
4		1							1
5									
6									
7						1			1
TALS	C	28	C	C		1	C	C	29

TABLE 158

STOMIAS BOA EOA NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
25		1							1
26									
27									
28									
29									
30									
31		1							1
32		2							2
33									
34									
35									
36									
37		1							1
38									
39									
40		1							1
41		1							1
42		2							2
43									
44		1							1
45		1							1
46		2							2
47		2							2
48									
49		2							2
50		2							2
51		1							1
52									
53									
54									
55		2							2
56									
57									
58									
59									
60		1							1
61		1							1
62		1							1
63		1							1
64									
65									
66		1							1
67									
68									
69									
70		1							1
71									
72									
73									
74									
75		1							1
76									
77									
78									
79		1							1
[redacted]									
96						1			1
97								1	1
[redacted]									
118						1			1
119									
120									
121									
								1	1
TOTALS	0	30	0	0	0	2	0	2	34

TABLE 159

STOMIAS BOA EOA NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
48		1							1
49									
50									
51									
52									
53									
54									
55									
56		1							1
57									
58		1							1
[redacted]									
89			1						1
90								2	2
TOTALS	0	3	1	0	0	0	0	2	6

TABLE 160

STOMIAS BOA BOA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	1.0	0.0	0.0	1	1
100														
125														
150	3.0	0.0	1.0	0.3	0.0	3	4	3.0	0.0	0.3	0.0	0.0	3	1
175														
200								1.0	0.0	3.0	0.0	0.0	1	3
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.0	0.0	3	1
275														
300														
325														
350														
375	3.0	0.0	1.3	0.0	0.0	3	4							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.5	0.0	0.0	2	1							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	1.7	0.3	0.0	3	6	3.0	0.0	1.0	0.0	0.0	3	3
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	.7	0.0	0.0	3	3							
975														
1000														

TABLE 161

STOMIAS BOA BOA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	2.0	0.0	0.0	3	3
50								2.0	0.0	4.5	0.0	0.0	1	9
75														
100	2.0	0.0	2.5	0.0	0.0	2	5	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.3	0.0	0.0	3	1
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.5	0.0	0.0	2	1
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

ABLE 162

TOMIAS BOA BOA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.2	0.0	0.0	6	1	1.0	0.0	2.0	0.0	0.0	1	2
125														
150	2.0	0.0	1.5	0.0	0.0	2	3	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.3	0.2	0.0	6	3	2.0	0.0	0.5	0.0	0.0	2	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.7	0.0	0.0	3	2
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	3.6	0.0	0.0	3	11	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	1.0	0.0	2	2	3.0	0.0	1.0	0.3	0.0	3	4
775														
800														
825														
850														
875														
900														
925														
950														
975														
000	3.0	0.0	0.7	0.0	0.0	2	2							

BLE 163

OMIAS BOA BOA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	2.0	0.0	1	2
75														
100								1.0	0.0	0.0	0.0	0.0	1	0
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	1.0	0.0	0.0	1	1
200														
225														
250	1.0	0.0	0.0	1.0	0.0	1	1	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	1.0	0.0	0.0	1	1
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
000														

TABLE 164

STOMIAS BOA BOA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
22					0.3	
40	0.3					
41						
42						
43						
44						
45						
46						
47						
48						
49						
50			0.3	0.5		
51						
52			0.3		0.3	
53						
54						
55						
56			0.3			
57						
58						
59						
60					0.3	
61						
62						
63						
64						
65						
66			0.3			
67						
68						
69						
70	0.3					
79					0.3	
80					0.3	
81						
82						
83						
84						
85	0.3					
117						
118					0.3	
119						
120	0.3					
NO./HOUR	1.3	0.0	1.3	0.5	2.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	4	0	4	1	6	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 165

STOMIAS BOA BOA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
52		0.5						
53								
54								
55								
56								
57								
58								
59		0.5						
60		0.5						
61								
62								
63		0.5						
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74		0.5						
NO./HOUR	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	5	0	0	0	0	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 166

STOMIAS BOA BOA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
25										0.2
26										
27										
28										
29										
30										
31								0.3		
32								0.3		
33										
34										
35										
36										
37								0.3		
38										
39										
40										
41								0.3		
42			0.5					0.3		
43										
44								0.3		
45										
46								0.3		
47								0.7		
48										
49				0.2				0.3		
50		0.2						0.3		
51										
52										
53										
54										
55			1.0							
56										
57										
58										
59										
60										0.5
61										
62										
63										
64										
65										
66				0.2						
[illegible]										
[illegible]										
[illegible]									0.5	
118										
119									0.5	
120										
121				0.2						
NO./HOUR	0.0	0.2	1.5	0.5	0.0	0.0	0.0	3.6	1.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	3	3	0	0	0	11	2	2
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 167

STOMIAS BOA BOA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
90		1.0				
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	1	0	0	0	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 168

STOMIAS BOA BOA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
28					1.0	0.3		
29								
30			1.0					
50								0.3
51								
52				0.3				
53								
54								
55								
56								0.3
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								0.3
82					1.0			
83								
84								
85								
86					1.0			
NO./HOUR	0.0	0.0	1.0	0.3	3.0	0.3	0.0	1.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	1	1	3	1	0	3
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 169

STOMIAS BOA BOA — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
34		0.9								
35										
36										
37										
38										
39										
40										
41		0.5	0.5							
42										
43										
44							0.5			
45										
46										
47			0.5							
48										
49					0.3					
50										
51			1.0							
52										
53										
54										
55			0.5							
56		0.5								
57										
58										
59			0.5							
60										
61										
62			0.5							
63										
64			0.5							
65			0.5							
NO./HOUR	0.0	2.0	4.5	0.0	0.3	0.0	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	3	9	0	1	0	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 170

STOMIAS BOA BOA
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
40										0.3
41										
42										
43										
44										
45										0.3
46										
47										
48										
49										
50										
51										0.3
[redacted]										
61					0.5					
62			1.0							
63						0.3				
64										
65										
66										
67										
68										
69										
70						0.3				
[redacted]										
79			1.0							
[redacted]										
96										
										0.3
NO./HOUR	0.0	0.0	2.0	0.0	0.5	0.7	0.0	0.0	0.0	1.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	2	0	1	2	0	0	0	4
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 171

STOMIAS BOA BOA
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
56					1.0				
57									
58								1.0	
[redacted]									
89		1.0							
90		1.0							
NO./HOUR	0.0	2.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	2	0	0	1	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 172

CHAULIODUS SLOANI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SEXUALLY FEMALES	YOUNG FEMALES	UNSTAGED MALES	SEXUALLY MALES	ADULT MALES	UNDESIGNATED	TOTALS
36		1							1
[redacted]									
61		1							1
[redacted]									
86						1			1
87									
88									
89									
90									
91									
92									
93								1	1
[redacted]									
169				1					1
170									
171									
172									
173									
174									
175									
176									
177									
178									
179									
180									
181									
182									
183									
184									
185									
186									
187									
188									
189									
190							1		1
TOTALS	0	2	0	1	0	1	1	1	6

BLE 173

AULICODUS SLOANI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

ZE M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8		1							1
9		1							1
0									
1		2							2
2									
3									
4									
5		1							1
6		1							1
7		1							1
8		1							1
9									
0									
1									
2		1							1
3		1							1
4									
5									
6		2							2
7		2							2
8									
9									
0									
1									
2									
3									
4									
5									
6		1							1
[redacted]									
4			1						1
TALS	0	15	1	0	0	0	0	0	16

BLE 174

AULICODUS SLOANI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

ZE M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6		2							2
7		2							2
8		1							1
9		2							2
0		1							1
1		3							3
2		1							1
3		3							3
4		3							3
5									
6		4							4
7		2							2
8		1							1
9		2							2
0		4							4
1									
2									
3		2							2
4		1							1
5		3							3
6		2							2
7		1							1
8									
9									
0		1							1
1									
2									
3		3							3
4									
5		1							1
6									
7									
8									
9									
0		1							1
[redacted]									
1						1			1
TALS	0	46	0	0	0	1	0	0	47

TABLE 175

CHAULIODUS SLOANI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
24		1							1
25									
26									
27									
28									1
[illegible]		1							1
[illegible]						1			1
TOTALS	0	2	0	0	0	1	0	0	3

TABLE 176

CHAULIODUS SLOANI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
									1
23		1							1
24									
25		1							
26									
27									1
28									2
29		1							1
30		2							2
31		1							1
32		2							
33		1							
34									
35									1
36									
37		1							
38									2
39									
40		2							1
[illegible]		1							
[illegible]						1			1
TOTALS	0	13	0	0	0	1	0	0	14

TABLE 177

CHAULIODUS SLOANI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.7	0.0	0.0	3	2	3.0	0.0	0.0	0.3	0.3	3	2
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.3	3	1							
975														
1000														

TABLE 178

CHAULIODUS SLOANI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	1.5	0.0	0.0	1	3
75														
100	2.0	0.0	1.0	0.0	0.0	2	2	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.3	0.0	0.0	3	1	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	1.0	0.0	0.0	1	1
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.5	0.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 179

CHAULIODUS SLOANI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	3.0	0.0	0.0	1	3
125														
150	2.0	0.0	0.5	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.2	0.0	0.0	6	1	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	2.7	0.0	0.0	3	8	3.0	0.0	2.0	0.0	0.0	3	6
525														
550														
575														
600	3.0	0.0	4.6	0.0	0.0	3	14	3.0	0.0	1.3	0.0	0.0	3	4
625														
650														
675														
700														
725														
750	2.0	0.0	1.5	0.0	0.0	2	3	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

BLE 180

AULIODUS SLOANI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00	1.0	0.0	2.0	0.0	0.0	1	2							
25														
50														
75														
00														
25														
50														
75														
00	1.0	0.0	0.0	0.0	0.0	1	0							
25														
50														
75														
00														
25														
50														
75														
00														

BLE 181

AULIODUS SLOANI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
00								1.0	0.0	1.0	0.0	0.0	1	1
25														
50								1.0	0.0	2.0	0.0	0.0	1	2
75	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
00														
25														
50	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
75														
00														
25								1.0	0.0	0.0	0.0	0.0	1	0
50	1.0	0.0	0.0	0.0	0.0	1	0							
75														
00														
25	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	1.0	0.0	0.0	1	1
50														
75														
00	1.0	0.0	0.0	0.0	0.0	1	0							
25								1.0	0.0	1.0	0.0	0.0	1	1
50														
75														
00														
25														
50														
75	2.0	0.0	0.0	0.5	0.0	2	1							
00														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00														

TABLE 182

CHAULIODUS SLOANI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
36					0.3	
61					0.3	
186						
187						
188						
189						
190						0.3
NO./HOUR	0.0	0.0	0.0	0.0	0.7	0.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	2	1
NO. SAMPLES	3	2	3	2	3	3

TABLE 183

CHAULIODUS SLOANI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
39		0.5						
40								
41		0.5						
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53						0.3		
134							0.5	
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.3	0.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	1	1	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 184

CHAULIODUS SLOANI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
26							0.7			
27										
28							0.3			
29									0.5	
30								0.3		
31										
32										
33								0.7		
34								1.0		
35										
36							0.7	0.3		
37								0.3		
38								0.3		
39				0.2				0.3		
40							0.3	0.7		
41										
42										
43							0.3			
44									0.5	
45			0.5							
46									0.5	
47										
48										
49										
50							0.3			
51										
52										
53								0.3		
54										
55										
56										
57										
58										
59										
60								0.3		
NO./HOUR	0.0	0.0	0.5	0.2	0.0	0.0	2.7	4.6	1.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	1	1	0	0	8	14	3	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 185

CHAULIODUS SLOANI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M) 500	700
24	1.0	
25		
26		
27		
28		
29	1.0	
NO./HOUR	2.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	2	0
NO. SAMPLES	1	1

TABLE 186

CHAULIODUS SLOANI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M) 160	250	340	410	495	675
102						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	1
NO. SAMPLES	1	1	1	1	1	2

TABLE 187

CHAULIODUS SLOANI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M) 25	40	70	150	190	235	400	700
86								0.3
[illegible] 169								0.3
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	2
NO. SAMPLES	2	1	1	3	1	3	3	3

LE 188

UL IODUS SLOANI
IGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

E

	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
			0.5							
			0.5							
								1.0		
			0.5							
/HOUR	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0
HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
SPEC.	0	0	3	0	0	0	0	1	0	0
SAMPLES	24	3	1	1	3	3	2	1	3	3

LE 189

UL IODUS SLOANI
IGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

E

	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
								0.3	0.3	
			1.0							
			1.0					0.3		
								0.3		
								0.3		
			1.0							
								0.3	0.3	
								0.3		
									0.3	
									0.3	
HOUR	0.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	1.3	0.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	0	3	0	0	0	0	6	4	0
SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 190

CHAULIODUS SLOANI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	190	290	325	425	510
23								1.0	
24									
25									
26									
27									
28									
29									
30									1.0
31									
32			1.0						
33									
34									
35									
36									
37				1.0					
38									
39									
40				1.0					
NO./HOUR	0.0	0.0	1.0	2.0	0.0	0.0	0.0	1.0	1.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	1	2	0	0	0	1	1
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 191

LESTIDIOPS JAYAKARI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
22	3								3
23									
24									
25	1								1
26	1								1
27									
28	1								1
29	1								1
30	1								1
31									
32	1								1
33	1								1
34	2								2
35	2								2
36	2								2
37									
38	4								4
39	2								2
40	2								2
41									
42	1								1
43									
44	1								1
TOTALS	26	0	0	0	0	0	0	0	26

TABLE 192

LESTIDIOPS JAYAKARI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15	1								1
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30	2								2
31									
32									
33									
34									
35	1								1
36									
37									
38	1								1
39									
40	1								1
41									
42	1								1
43									
44	1								1
45									
46									
47	1								1
48									
49	1								1
50									
51									
52	1								1
53									
54									
55									
56	1								1
57									
58									
59									
60	1								1
61									
62									
63									
64									
65									
66									
67									
68									
69	1								1
TOTALS	14	0	0	0	0	0	0	0	14

TABLE 193

LESTIDIOPS JAYAKARI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
35	1								1
36									
37									
38									
39									
40									
41									
42									
43									
44									
45	1								1
TOTALS	2	0	0	0	0	0	0	0	2

ABLE 194

ESTIDIOPS JAYAKARI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
EPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	6.3	0.0	0.0	0.0	3	10
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	1.0	0.0	0.0	0.0	2	2							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	1.0	0.0	0.0	0.0	1	2	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

BLE 195

STIDIOPS JAYAKARI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
00	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
25														
50	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
75														
00	6.0	0.2	0.0	0.0	0.0	6	1	2.0	0.0	0.0	0.0	0.0	2	0
25														
50														
75														
00	2.0	1.0	0.0	0.0	0.0	2	2	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00														
25														
50	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
75														
00														
25														
50														
75														
00														
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	2	0							

ABLE 196

ESTIDIOPS JAYAKARI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
EPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25								1.0	0.0	0.0	0.0	0.0	1	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	0.0	0.0	0.0	0.0	1	0
125														
150								1.0	2.0	0.0	0.0	0.0	1	2
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

ABLE 197

ESTIDIOPS JAYAKARI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE MM	DEPTHS SAMPLED (M) SURF	100	150	200	300	400	800	1000
26							0.5	
27								
28								
29								
30								
31								
32								
33								
34								
35							0.5	
36								
37								
38					0.5			
39								
40					0.5			
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	2	0	2	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 198

LESTIDIOPS JAYAKARI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
30			0.5							
31										
32										
33										
34										
35					0.5					
36										
37										
38										
39										
40										
41										
42										
43										
44					0.5					
45										
46										
47										
48										
49				0.2						
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60									0.5	
O./HOUR	0.0	0.0	0.5	0.2	1.0	0.0	0.0	0.0	0.5	0.0
O. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
O. SPEC.	0	0	1	1	2	0	0	0	1	0
O. SAMPLES	2	6	2	6	2	3	3	3	2	2

ABLE 199

ESTIDIOPS JAYAKARI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
22		2.0								
23										
24										
25										
26										
27										
28		0.5								
29		0.5								
30		0.9								
31										
32										
33		0.5								
34		0.5								
35										
36		0.7								
37										
38										
39										
40										
41										
42										
43										
44		0.7								
O./HOUR	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
O. SPEC.	0	10	0	0	0	0	0	0	0	0
O. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 200

LESTIDIOPS JAYAKARI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
35				1.0					
36									
37									
38									
39									
40									
41									
42									
43									
44									
45				1.0					
NO./HOUR	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	2	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 201

LESTIDIOPS SPHYRENOIDES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
43	1								1
TOTALS	1	0	0	0	0	0	0	0	1

TABLE 202

LESTIDIOPS SPHYRENOIDES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
36	1								1
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47	1								1
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61	1								1
TOTALS	3	0	0	0	0	0	0	0	3

TABLE 203

LESTIDIOPS SPHYRENOIDES NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
55	1								1
TOTALS	1	0	0	0	0	0	0	0	1

TABLE 204

LESTIDIOPS SPHYRENOIDES NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	1.0	0.0	0.0	0.0	1	2
75														
100	2.0	0.5	0.0	0.0	0.0	2	1	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 205

LESTIDIOPS SPHYRENOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525														
550														
575														
600														
625														
650														
675														
700	1.0	1.0	0.0	0.0	0.0	1	1							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 206

LESTIDIOPS SPHYRENOIDES
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
36		0.5						
NO./HOUR	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	1	0	0	0	0	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

ABLE 207

ESTIDIOPS SPHYRENOIDES — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE MM	DEPTHS SAMPLED (M)	
	500	700
59		1.0
./HOUR	0.0	1.0
. HOURS	1.0	1.0
. SPEC.	0	1
. SAMPLES	1	1

ABLE 208

ESTIDIOPS SPHYRENOIDES — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
47			0.5							
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										
61			0.5							
0./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
0. SPEC.	0	0	2	0	0	0	0	0	0	0
0. SAMPLES	24	3	1	1	3	3	2	1	3	3

ELE 209

TOLEPIS RISSOI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

ZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
	1								1
	1								1
	1								1
	1								1
	1								1
	1								1
	2								2
	1								1
	1								1
	1								1
ALS	11	0	0	0	0	0	0	0	11

TABLE 210

NCTOLEPIS RISSCI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
19	1								1
20	2								2
21	6								6
22	11								11
23	15								15
24	4								4
25	1								1
26	1								1
27	2								2
28	5								5
29	4								4
30	5								5
31	6								6
32	2								2
33	1								1
34	3								3
35	2								2
36									
37	2								2
38	2								2
39	2								2
40	1								1
41	1								1
42									
43									
44	1								1
45	1								1
46									
47	1								1
[illegible]									
87									
88									
89									
90			1						1
[illegible]									
113									
114						1			1
TOTALS	84	0	1	0		1	0	0	86

TABLE 211

NCTOLEPIS RISSCI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
17	1								1
18	6								6
19	7								7
20	5								5
21	3								3
23	1								1
23	3								3
24	3								3
25	2								2
26	1								1
27	1								1
28	1								1
29	2								2
30	5								5
31	2								2
32	2								2
33	1								1
34									
35	1								1
[illegible]									
60									
61	1								1
[illegible]									
123									
124			1					0	1
TOTALS	48	0	1	0	0	0	0	0	49

TABLE 212

NCTOLEPIS RISSCI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
24	1								1
25									
26									
27									
28									
29									
30									
31									
32	1								1
TOTALS	2	0	0	0	0	0	0	0	2

TABLE 213

NOTOLEPIS RISSOI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
91	1								1
92									
93									
94									
95									
96									
97									
98						1			1
TOTALS	1	0	0	0	0	1	0	0	2

TABLE 215

NOTOLEPIS RISSOI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.7	0.0	0.0	0.0	3	2	3.0	1.0	0.0	0.0	0.0	3	3
175														
200								1.0	1.0	0.0	0.0	0.0	1	1
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.7	0.0	0.0	0.0	3	2
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.3	0.0	0.0	0.0	3	1	3.0	0.7	0.0	0.0	0.0	3	2
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 215

NOTOLEPIS RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.5	0.0	0.0	0.0	3	1
50								2.0	2.0	0.0	0.0	0.0	1	4
75														
100	2.0	0.5	0.0	0.0	0.0	2	1	1.0	20.0	0.0	0.0	0.0	1	20
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.7	0.0	0.0	0.0	3	2
175														
200	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.3	0.0	0.0	0.0	3	1
225														
25														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
40	3.	0.3	0.0	0.0	0.0	3	1	2.1	0.0	0.0	0.0	0.0	2	0
425														
45														
475														
50														
525														
55														
575														
600								1.0	1.0	0.0	0.0	0.0	1	1
625														
65														
675														
70														
725														
75														
775														
800	2.0	7.5	0.0	0.5	0.0	1	16	3.0	1.7	0.0	0.0	0.0	3	5
825														
850														
875														
900														
925														
950														
975														
1000	1.	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.3	0.0	3	1

TABLE 216

NOTOLEPIS RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.3	0.0	0.0	0.0	6	2	1.0	3.0	0.0	0.0	0.0	1	3
125														
150	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.5	0.0	0.0	0.0	2	1	3.0	1.0	0.0	0.0	0.0	3	3
325														
350														
375														
400	3.0	1.0	0.0	0.0	0.0	3	3	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.3	0.0	0.0	0.0	3	1	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.3	0.0	0.3	0.0	3	2	3.0	1.0	0.0	0.0	0.0	3	3
625														
650														
675														
700														
725														
750	2.0	4.5	0.0	0.0	0.0	2	9	3.0	1.0	0.0	0.0	0.0	3	3
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 217

NOTOLEPIS RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	1.0	0.0	0.0	0.0	1	1
75														
100								1.0	0.0	0.0	0.0	0.0	1	0
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	1.0	0.0	1	1							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 218

NOTOLEPIS RISSOI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M) 150	235	375	500	700	940
20	0.3					
21						
22	0.3					
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37					0.3	
NO./HOUR	0.7	0.0	0.0	0.0	0.3	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	2	0	0	0	1	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 219

NOTOLEPIS RISSOI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
22				0.5				
23		0.5					1.0	
24						0.3	0.5	
25								
26								
27								
28							0.5	
29							0.5	
30							1.0	
31							1.0	
32							0.5	
33								
34								
35								
36								
37								
38							1.0	
39								
40							0.5	
41							0.5	
42								
43								
44								
45							0.5	
[redacted]								
112								
113								
114							0.5	
NO./HOUR	0.0	0.5	0.0	0.5	0.0	0.3	8.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	1	0	1	0	1	16	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 220

NOTOLEPIS RISSOI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
18		0.2								
19										
20					0.5					
21										
22			0.5							
23		0.2				0.3				
24						0.3		0.3		
25							0.3			
26									0.5	
27										
28									0.5	
29										
30									1.5	
31						0.3				
32									1.0	
33									0.5	
[redacted]										
84									0.5	
123										
124								0.3		
NO./HOUR	0.0	0.3	0.5	0.0	0.5	1.0	0.3	0.7	4.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	2	1	0	1	3	1	2	9	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 221

NOTOLEPIS RISSOI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
98			1.0			
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	1	0	0	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 222

NOTOLEPIS RISSOI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
18				0.3				
19				0.3				
20								
21					1.0			
22								
23				0.3				
24								
25						0.7		
26								
27								0.3
28								
29								
30								0.3
NO./HOUR	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.7
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	3	1	2	0	2
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 223

NOTOLEPIS RISSOI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
19				1.0						
20				1.0						
21				5.0	0.3					
22			1.0	4.0						
23			1.0	7.0	0.3				0.3	
24				2.0						
25										
26									0.3	
27						0.3				
28									0.3	
29										
30										
31		0.5						1.0		
32										
33										
34									0.3	
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47									0.3	
[redacted]										
90										0.3
NO./HOUR	0.0	0.5	2.0	20.0	0.7	0.3	0.0	1.0	1.7	0.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	1	4	20	2	1	0	1	5	1
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 224

NOTOLEPIS RISSOI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
18			1.0							
19			1.0							
20										
21			1.0							
22										
23						0.3				
24									0.3	
25						0.3				
26										
27									0.3	
28										
29						0.3				0.3
30									0.3	0.3
31										0.3
NO./HOUR	0.0	0.0	3.0	0.0	0.0	1.0	0.0	0.0	1.0	1.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	3	0	0	3	0	0	3	3
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 225

NOTOLEPIS RISSOI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
21		1.0							
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	1	0	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 226

PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16	2								2
17	3								3
18	3								3
19									
20	1								1
21	4								4
22	1								1
23	1								1
24									
25	1								1
26									
27	1								1
28	2								2
29									
30									
31	1								1
32	1								1
33									
34									
35									
36	1								1
TOTALS	22	0	0	0	0	0	0	0	22

TABLE 227

PARALEPIS C. COREGONOIDES NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16	2								2
17	5								5
18	4								4
19	7								7
20	7								7
21	6								6
22	2								2
23	3								3
24	3								3
25	5								5
26	2								2
27	1								1
28	2								2
29									
30	2								2
31	1								1
32	2								2
33									
34	1								1
35									
36	1								1
37									
38									
39	2								2
TOTALS	58	0	0	0	0	0	0	0	58

TABLE 228

PARALEPIS C. COREGONOIDES NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16	3								3
17	13								13
18	2								2
19	2								2
20	4								4
21	3								3
22	4								4
23	3								3
24	2								2
25	3								3
26	2								2
27	1								1
28	2								2
29	2								2
30									
31									
32	2								2
33	1								1
TOTALS	49	0	0	0	0	0	0	0	49

TABLE 229

PARALEPIS C. COREGONOIDES NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
153			1						1
TOTALS	0	0	1	0	0	0	0	0	1

TABLE 230

PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.5	0.0	0.0	0.0	2	1							
525														
550														
575														
600														
625														
650														
675														
700	3.0	2.0	0.0	0.0	0.0	3	6	3.0	1.7	0.0	0.0	0.0	3	5
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	3.3	0.0	0.0	0.0	3	10							
975														
1000														

TABLE 231

PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.9	0.0	0.0	0.0	3	1
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	1.0	0.0	0.0	0.0	1	1
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	1.0	0.0	0.0	0.0	1	1
625														
650														
675														
700														
725														
750														
775														
800	2.0	4.0	0.0	0.0	0.0	1	8	3.0	3.7	0.0	0.0	0.0	3	11
825														
850														
875														
900														
925														
950														
975														
1000	1.0	14.0	0.0	0.0	0.0	1	14	3.0	2.3	0.0	0.0	0.0	3	7

ABLE 232

ARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

EPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.3	0.0	0.0	0.0	6	2	1.0	1.0	0.0	0.0	0.0	1	1
125														
150	2.0	1.0	0.0	0.0	0.0	2	2	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.3	0.0	0.0	0.0	3	1
525														
550														
575														
600	3.0	0.3	0.0	0.0	0.0	3	1	3.0	0.3	0.0	0.0	0.0	3	1
625														
650														
675														
700														
725														
750	2.0	0.5	0.0	0.0	0.0	2	1	3.0	5.0	0.0	0.0	0.0	3	15
775														
800														
825														
850														
875														
900														
925														
950														
975														
000	3.0	7.6	0.0	0.0	0.0	2	22							

ABLE 233

ARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

EPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	0.0	0.0	0.0	0.0	1	0
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	1.0	0.0	1	1
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 234

PARALEPIS C. COREGONOIDES — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
16					0.3	
17					0.7	
18					0.3	
19						
20					0.3	
21				0.5	0.3	0.7
22						0.3
23						0.3
24						
25						0.3
26						
27						0.3
28						0.7
29						
30						
31						
32						0.3
33						
34						
35						
36						0.3
NO./HOUR	0.0	0.0	0.0	0.5	2.0	3.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	1	6	10
NO. SAMPLES	3	2	3	2	3	3

TABLE 235

PARALEPIS C. COREGONOIDES — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
16							0.5	1.0
17							0.5	
18								
19							0.5	
20							1.5	1.0
21								3.0
22							0.5	1.0
23								
24								1.0
25								2.0
26								2.0
27								
28								1.0
29								
30								
31								
32							0.5	
33								
34								
35								
36								
37								
38								
39								2.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	4.0	14.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	8	14
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 236

PARALEPIS C. COREGONOIDES
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
16								0.3		
17		0.2							0.5	1.2
18		0.2								
19			0.5							
20										1.2
21										0.7
22										1.0
23										0.7
24										
25										0.2
26										0.7
27										0.2
28			0.5							0.5
29										0.5
30										
31										
32										0.2
33										0.2
NO./HOUR	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.5	7.6
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	2	2	0	0	0	0	1	1	22
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 237

PARALEPIS C. COREGONOIDES
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
16								0.3
17								0.3
18								0.7
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								0.3
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	5
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 238

PARALEPIS C. COREGONOIDES
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
17								1.0	0.7	
18		0.9		1.0					0.3	
19									1.0	
20									0.7	
21									0.3	
22										
23										
24										0.7
25										0.3
26										
27										0.3
28									0.3	
29										
30										0.7
31										
32										
33										
34									0.3	
35										
36										0.3
NO./HOUR	0.0	0.9	0.0	1.0	0.0	0.0	0.0	1.0	3.7	2.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	1	0	1	0	0	0	1	11	7
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 239

PARALEPIS C. COREGONOIDES — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
16										0.6
17										2.4
18										
19										0.4
20										0.3
21										0.3
22									0.3	
23										
24								0.3		
25										0.6
26										
27										
28										
29			1.0							
30										
31										
32										0.3
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.3	0.3	5.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	1	1	15
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 240

PARALEPIS C. COREGONOIDES — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
153							1.0		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	0	0	0	1	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 241

EVERMANNELLA BALBO — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15	1								1
16									
17									
18									
19									
20									
21		1							1
[redacted]									
87			1						1
TOTALS	1	1	1	0	0	0	0	0	3

TABLE 242

EVERMANNELLA BALBO — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
32		1							1
TOTALS	0	1	0	0	0	0	0	0	1

TABLE 243

EVERMANNELLA BALBO NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
24		1							1
TOTALS	0	1	0	0	0	0	0	0	1

TABLE 244

EVERMANNELLA BALBO NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
44		1							1
TOTALS	0	1	0	0	0	0	0	0	1

TABLE 245

EVERMANNELLA BALBO NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.3	0.0	0.0	0.0	3	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.5	0.0	2	1
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 246

EVERMANNELLA BALBO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.2	0.0	0.0	6	1	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 247

EVERMANNELLA BALBO
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
32				0.2						
NO./HOUR	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	0	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 248

EVERMANNELLA BALBO — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
19						0.3				
87							0.5			
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	1	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 249

ELECTRONA RISSOI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	1								1
8		2							2
9		3							3
10	1	3							4
11		1							1
12						1			1
13									
14									
15								1	1
16									
TOTALS	2	9	0	0	0	1	0	1	13

TABLE 250

ELECTRONA RISSOI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
9	1	1							2
10		4						1	5
11		1				1			2
12						1			1
13									
14									
15									
16						1			1
17			2						2
40							1		1
TOTALS	1	6	2	0	0	3	1	1	14

TABLE 251

ELECTRONA RISSOI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	1								1
8									
9	1	1							2
10		1							1
11		1							1
18			1						1
19			1						1
20									
21			1						1
22									
23						1			1
24									
25						1			1
26									
27									
28			1			1			2
29									
30									
31				1					1
41									
42				1					1
43									
44									
45				1					1
TOTALS	2	3	4	3	0	3	0	0	15

TABLE 252

ELECTRONA RISSOI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.3	0.0	0.0	0.0	3	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.3	2.0	0.0	0.0	3	7	3.0	0.0	1.0	0.0	0.0	3	3
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 253

ELECTRONA RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.3	0.0	0.0	0.0	3	1
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	2.0	1.7	0.0	3	11
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.5	2	1
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 254

ELECTRONA RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.2	0.0	0.0	6	1	2.0	0.0	0.0	3.0	0.5	2	7
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.3	3	1
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.3	3	1
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.5	0.5	0.0	0.0	2	2	3.0	0.0	0.3	0.0	0.0	3	1
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 255

ELECTRONA RISSOI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
7	0.3					
8						
9					1.0	
10					1.0	
11					0.3	
NO./HOUR	0.3	0.0	0.0	0.0	2.3	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	0	0	7	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 256

ELECTRONA RISSOI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
9									0.5	
10									0.5	
11				0.2						
NO./HOUR	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	0	2	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 257

ELECTRONA RISSOI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
8								0.7
9								
10								0.3
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	3
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 258

ELECTRONA RISSOI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	49	100	150	200	400	600	800	1000
9										
10					0.3	0.3				
11						1.7				
12						0.7				
13						0.3				
14										
15										
16										
17						0.3				
40						0.7				
							0.5			
NO./HOUR	0.0	0.0	0.0	0.0	0.3	4.0	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	12	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 259

ELECTRONA RISSOI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
9										0.3
18					0.5					
19					0.5					
20										
21					0.5					
22										
23					0.5					
24										
25					0.5					
26										
27										
28					0.5					
29										
30										
31					0.5					
42							0.3			
43										
44										
45								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	3.5	0.0	0.3	0.3	0.0	0.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	7	0	1	1	0	1
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 260

HYGOPHUM HYGOMI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10	1								1
11									
12									
13		2							2
41							2		2
42									
43									
44							2		2
45									
46									
47				1					1
TOTALS	1	2	0	1	0	0	4	0	8

TABLE 261

HYGOPHUM HYGOMI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
41							1		1
42									
43									
44									
45									
46									
47									
48				1					1
49									
50							1		1
51									
52									
53				1					1
TOTALS	0	0	0	2	0	0	2	0	4

TABLE 262

HYGOPHUM HYGOMI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES.	ADULT MALES	UNDESIGNATED	TOTALS
36							1		1
37							2		2
38									
39							1		1
40									
41									
42									
43							1		1
44									
45							1		1
46									
47									
48									
49							1		1
50									
51									
52									
53									
54				1					1
55									
56									
57									
58				1					1
TOTALS	0	0	0	2	0	0	7	0	9

TABLE 263

HYGOPHUM HYGOMI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
37							1		1
38									
39									
40									
41									
42									
43							1		1
TOTALS	0	0	0	0	0	0	2	0	2

TABLE 264

HYGOPHUM HYGOMI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11		1							1
12									
13									
14									
15									
16									
17		1							1
18									
19									
20									
21		1							1
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36							1		1
37									
38									
39							1		1
40							1		1
41									
42									
43									
44									
45							1		1
46							1		1
TOTALS	0	3	0	0	0	0	5	0	8

TABLE 265

HYGOPHUM HYGOMI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	1.0	1	1
75								1.0	1.0	0.0	0.0	1.0	1	2
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.7	0.0	0.0	3	2
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.3	3	1	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 266

HYGOPHUM HYGOMI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.1	58	2
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	1.3	3	4	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.5	2	1	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 267

HYGOPHUM HYGOMI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	1.0	1	1							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 268

HYGOPHUM HYGOMI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								7.8	0.0	0.1	0.0	0.1	15	2
25														
50								1.0	0.0	0.0	0.0	1.0	1	1
75														
100								1.0	0.0	0.0	0.0	1.0	1	1
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.5	0.0	1.0	2	3							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 269

HYGOPHUM HYGOMI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
42					0.3	
NO./HOUR	0.0	0.0	0.0	0.0	0.3	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 270

HYGOPHUM HYGOMI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
36								0.3		
37									0.5	
38										
39								0.3		
40										
41										
42										
43										
44										
45								0.3		
46										
47										
48										
49								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	4	1	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 271

HYGOPHUM HYGOMI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
37		1.0
NO./HOUR	0.0	1.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	1
NO. SAMPLES	1	1

TABLE 272

HYGOPHUM HYGOMI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
11						0.5
[illegible]						
39						0.5
40						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	3
NO. SAMPLES	1	1	1	1	1	2

TABLE 273

HYGOPHUM HYGOMI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
10			1.0					
11								
12								
13						0.7		
[illegible]								
42		1.0						
43								
44			1.0					
NO./HOUR	0.0	1.0	2.0	0.0	0.0	0.7	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	1	2	0	0	2	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 274

HYGOPHUM HYGOMI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
43	0.03									
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58	0.03									
NO./HOUR	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	2	0	0	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 275

HYGOPHUM HYGOMI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
17	0.1								
[redacted]									
36	0.1								
37									
38									
39									
40									
41									
42									
43									
44									
45		1.0							
46			1.0						
NO./HOUR	0.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	2	1	1	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

APPENDIX 3

Tables 276 - 474

Hygophum benoiti - All Species Combined

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The tables in this appendix are among those that were used in analyzing the fish data, the results of which appear in Part 3 of the Text. For each species with sufficient data, four sets of tables are presented; the tables in each set are arranged numerically by station, and the sets appear in the following order: 1) Stage-Size, size frequency distributions for each stage or stage-sex combination, 2) Stage-Depth, catch rate as a function of stage of development and depth of capture, 3) Depth-Size:Day, catch rate as a function of depth of capture and size of the specimen, 4) Depth-Size:Night. Methods used for determining stage of development and for calculating catch rates are described in the Materials and Methods section of Part 3 of the Text.

TABLE 276

HYGOPHUM BENOITI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
5	3								3
6	10								10
7	11								11
8	7								7
9	20	1							21
10	24	16							40
11	2	25							27
12		20							20
13		15							15
14		7							7
15		6							6
16		5							5
17		4	2			2			8
18			2			2			4
19		1	1			1			3
20			1			1			2
21		1	2			3			6
22			1			1			2
23			1						1
24			1						1
25									
26									
27									
28									
29						1			1
30			1						1
31			1						1
32									
33				1					1
34				2			2		4
35									
36									
37									
38				1					1
39				2			1		3
40				3			4		7
41				1			1		2
42							3		3
43				2			2		4
44				1			2		3
TOTALS	77	105	13	13	3	11	15	0	238

TABLE 277

HYGOPHUM BENOITI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	3								3
8	5								5
9	12	10							22
10	12	120							132
11		66							66
12		15							15
13		17							17
14		18							18
15		14							14
16		4							4
17									
18									
19									
20									
21									
22									
23									
24									
25			1						1
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36							1		1
37									
38									
39									
40							1		1
41									
42									
43									
44				1					1
TOTALS	36	264	1	1	0	0	2	0	304

ABLE 278

YGOPHUM BENOITI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10	1								1
11		2							2
12		2							2
13		3							3
14									
15									
16		1							1
17		1							1
18		2							2
19		2	1			1			4
20		3				1			4
21			1					1	2
22			1			1			2
23						2			2
24			1			1			2
25						2			2
26			2						2
27						1			1
28			2						2
29									
30									
31									
32									
33									
34									
35				1					1
TALS	1	16	8	1	0	9	0	1	36

ABLE 279

YGOPHUM BENOITI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		4							4
13		6							6
14		4							4
15		4							4
16		3				1			4
17		1	1			2			4
18			1			1			2
19						2			2
20			2						2
21						3			3
22									
23									
24									
25									
26			1			1			2
27									
28			1						1
TALS	0	22	6	0	0	10	0	0	38

TABLE 280

HYGOPHUM BENOITI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	1.0	1.0	2.0	1	4
75								1.0	3.0	0.0	0.0	0.0	1	3
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.7	3.0	0.3	0.0	3	12
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.5	0.0	0.0	2	1	3.0	5.0	4.0	0.0	0.0	3	27
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.3	0.0	0.0	0.0	3	1
425														
450														
475														
500	2.0	0.0	0.5	0.5	0.0	2	2							
525														
550														
575														
600														
625														
650														
675														
700	3.0	5.3	10.3	2.3	0.0	3	54	3.0	4.7	1.0	0.3	0.0	3	18
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	12.0	0.0	0.0	3	36							
975														
1000														

TABLE 281

GOPHUM BENOITI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

PTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
URF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	5.3	0.0	0.0	3	8
50								2.0	10.5	0.0	0.0	0.5	1	22
75														
100	2.0	1.5	0.0	0.0	0.0	2	3	1.0	1.0	0.0	0.0	0.0	1	1
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	2.5	0.0	0.0	2	5							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.5	41.5	0.0	0.5	1	85	3.0	0.3	36.6	0.0	0.0	3	111
825														
850														
875														
900														
925														
950														
975														
000	1.0	0.0	50.0	0.0	0.0	1	50	3.0	0.0	1.0	0.3	0.0	3	4

TABLE 282

HYGOPHUM BENOITI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.9	0.0	1	1
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	1
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.3	0.0	3	2
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.5	0.0	2	1	3.0	0.3	2.0	0.0	0.0	3	7
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.5	0.2	0.0	2	2							

TABLE 283

HYGOPHUM BENOITI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	0.0	1.0	0.0	1	1							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	11.0	10.0	0.0	1	21							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 284

HYGOPHUM BENOITI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
8					1.3	
9					3.3	
10					0.7	5.3
11					1.7	6.3
12		0.5		0.5	2.3	0.3
13					2.6	
14					0.3	
15					1.0	
16					1.6	
17					1.7	
18					0.3	
19					0.3	
20					0.3	
21					0.3	
22						
23						
24				0.5		
NO./HOUR	0.0	0.5	0.0	1.0	17.8	12.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	0	2	54	36
NO. SAMPLES	3	2	3	2	3	3

TABLE 285

HYGOPHUM BENOITI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
9					0.5		0.5	
10		1.5			1.0		19.5	30.0
11					0.5		18.0	5.0
12								1.0
13					0.5		1.0	6.0
14							2.0	5.0
15							1.0	3.0
[redacted]								
36							0.5	
NO./HOUR	0.0	1.5	0.0	0.0	2.5	0.0	42.5	50.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	3	0	0	5	0	85	50

TABLE 286

HYGOPHUM BENOITI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
13										0.5
[redacted]										
27									0.5	
28										0.2
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	0	1	2
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 287

HYGOPHUM BENOITI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M) 500	700
12		3.0
13		2.0
14		2.0
15		2.0
16		3.0
17		2.0
18		1.0
19		1.0
20		2.0
21		1.0
22		
23		
24		
25		
26	1.0	1.0
27		
28		1.0
NO./HOUR	1.0	21.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	21
NO. SAMPLES	1	1

ABLE 288

YGOPHUM BENOITI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE MM	DEPTHS SAMPLED (M) 25	40	70	150	190	235	400	700
7			1.0			0.3		
8			1.0					
9				0.3		1.0	0.3	1.3
10			1.0	0.3		3.0		3.3
11						0.7		0.3
12				0.3		0.7		0.3
13				2.0		1.3		
14				0.3		1.7		
15				0.3		0.3		0.3
16								
17				0.3				
18								0.3
19		1.0						
20								
21								
22								
23		1.0						
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39		1.0						
40								
41								
42		1.0						
O./HOUR	0.0	4.0	3.0	4.0	0.0	9.0	0.3	6.0
O. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
O. SPEC.	0	4	3	12	0	27	1	18
O. SAMPLES	2	1	1	3	1	3	3	3

TABLE 289

HYGOPHUM BENOITI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
7			0.5							
8			3.5							
9		2.3	4.5						1.3	
10		1.2	2.0	1.0					15.6	0.3
11		0.7							7.0	0.7
12		1.1							3.7	
13									2.3	
14									2.7	
15									3.0	
16									1.3	
17										
18										
19										
20										
21										
22										
23										
24										
25										0.3
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44			0.5							
NO./HOUR	0.0	5.3	11.0	1.0	0.0	0.0	0.0	0.0	36.9	1.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	8	22	1	0	0	0	0	111	4
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 290

HYGOPHUM BENOITI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
10										0.3
11										0.3
12						0.3				
13										0.3
14										
15										
16										0.3
17										0.4
18										
19										0.3
20										0.4
21						0.3				
22		0.9								
23						0.3				
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35				0.3						
NO./HOUR	0.0	0.9	0.0	0.3	0.0	1.0	0.0	0.0	0.0	2.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	2.0	3.0	3.0
NO. SPEC.	0	1	0	1	0	3	0	0	0	7
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 291

BENTHOSEMA GLACIALE — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	1								1
9	5								5
10	4	1							5
11	1	3							4
12		19							19
13		37							37
14		70							70
15		39							39
16		28	7			1			36
17		41	16			1		1	59
18		41	27			2			70
19		37	41			2			80
20		35	28			4		2	69
21		8	12			5			25
22		1	5			1			7
23		1	1			1			3
24			1						1
25			1			3			4
26			2			2			4
27			6			3			9
28			3			1			4
29			3			1			4
30			3			1		1	5
31			2	4		1			7
32			2				2		4
33			2	1					3
34			2	1			3		6
35			1				3		4
36							1		1
37				1					1
TOTALS	11	361	165	7	0	29	9	4	586

TABLE 292

BENTHOSEMA GLACIALE — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		5							5
13		4							4
14		1				1			2
15		10							10
16		14				1			15
17		14	9			5			28
18		9	14			22			45
19		9	16			15			40
20		4	16			12		1	33
21			6			3		1	10
22			6			4			10
23			1						1
24						1			1
25			1						1
26			1			1			2
27			2			2			4
28			1			1			2
29			2			3			5
30			2			3			5
31			1						1
32			2	1			4		7
33			2	1			4		7
34			2				3		5
35			1				2		3
36				1			1		2
37							1		1
38							1		1
39							2		2
40								1	1
41							1		1
TOTALS	0	70	85	3	0	74	19	3	254

TABLE 293

BENTHOSEMA GLACIALE — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
17		2							2
18		3							3
19		8	2						10
20		5				1			6
21		1	4			1			6
22		3	2			1			6
23		1	1						2
24									
25									
26									
27									
28			1						1
TOTALS	0	23	10	0	0	3	0	0	36

BLE 294

NTHOSEMA GLACIALE NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

ZE M	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
1		1				1			2
2			2			2			4
TALS	0	1	2	0	0	3	0	0	6

TABLE ~~295~~

BENTHOSEMA GLACIALE NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25								1.1	0.0	0.0	2.0	0.0	2	2
50								1.0	0.0	1.0	0.0	0.0	1	1
75								1.0	0.0	42.0	7.0	1.0	1	50
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	1.0	0.0	0.0	0.7	3	5
175														
200								1.0	0.0	0.0	1.0	0.0	1	1
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	1.0	0.0	0.0	0.0	3	3
275														
300														
325														
350														
375	3.0	0.0	0.7	0.0	0.0	3	2							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	108.0	59.5	0.0	2	335							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.3	9.2	12.2	1.7	3	71	3.0	1.3	1.3	3.3	2.0	3	24
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 296

BENTHOSEMA GLACIALE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.5	0.5	0.0	3	2
50								2.0	0.0	21.0	58.5	7.0	1	169
75														
100	2.0	0.0	0.0	0.0	0.5	2	1	1.0	0.0	1.0	5.0	3.0	1	9
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	2.0	0.3	0.0	3	7
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.0	0.0	3	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	2.0	1.0	0.0	1	3
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	7.0	1.5	1	17	3.0	0.0	0.0	0.7	0.0	3	2
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 297

BENTHOSEMA GLACIALE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	7.4	3.7	0.0	1	12
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	1.3	1.0	0.0	3	7	3.0	0.0	0.3	0.0	0.0	3	1
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.4	0.0	3	1
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

BLE 298

NTHOSEMA GLACIALE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	1.0	1.0	0.0	1	2							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
000														

E 299

HOSEMA GLACIALE
AY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

E

	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
					0.3	
					0.3	
					0.7	
				3.5	2.0	
			0.3	9.5	0.3	
			0.3	18.0	0.3	
				10.0		
				11.5	1.0	
				21.0	0.7	
				27.5	1.0	
				30.0	2.3	
				26.0	3.9	
				6.5	2.6	
				2.5	0.3	
				1.0	0.3	
					0.3	
					0.3	
					0.7	
				1.0	1.0	
					0.7	
					1.0	
					0.7	
					0.7	
					0.7	
					0.3	
					1.3	
					0.3	
HOUR	0.0	0.0	0.7	168.0	24.0	0.0
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	0	0	2	336	73	0
SAMPLES	3	2	3	2	3	3

TABLE 300

BENTHOSEMA GLACIALE — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
17							1.0	
18								
19								
20							0.5	
21		0.5					0.5	
22							1.0	
23								
24								
25							0.5	
26								
27							1.0	
28								
29							0.5	
30							1.0	
31								
32								
33							1.0	
34		0.5					0.5	
35							0.5	
36								
37								
38							0.5	
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	8.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	17	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 301

BENTHOSEMA GLACIALE — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
18								0.3		
19								0.7		
20								0.7		
21										
22								0.3		
23								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	7	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 302

BENTHOSEMA GLACIALE — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
21		1.0
22		1.0
NO./HOUR	0.0	2.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	2
NO. SAMPLES	1	1

ABLE 303

ENTHOSEMA GLACIALE
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
8				0.3				
9				0.3		0.3		0.6
0				0.3		0.7		0.3
1								0.3
2								0.3
3			6.0					
4			14.0					0.3
5		1.0	9.0					
6			5.0					
7			6.0					
8	1.0		1.0					0.3
9	1.0		3.0					0.3
0								0.3
1			1.0					
2								
3								
4								
5					1.0			0.7
6			1.0					
7			1.0					1.0
8			1.0					0.3
9								
0								0.3
1			2.0	0.7				
2								0.3
3								0.7
4								0.3
5								1.0
6								0.3
O./HOUR	2.0	1.0	50.0	1.7	1.0	1.0	0.0	8.0
O. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
O. SPEC.	2	1	50	5	1	3	0	24
O. SAMPLES	2	1	1	3	1	3	3	3

TABLE 304

BENTHOSEMA GLACIALE
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
12			1.5							
13			2.0							
14			1.0							
15			3.0	1.0	0.7					
16			6.5		0.3					
17		0.5	8.5		0.7					
18		0.5	17.0		0.3	0.3		2.0		
19			14.5	1.0	0.3			1.0		
20			10.0	1.0				1.0		
21			2.5	4.0						
22			3.5							
23			0.5							
24				1.0						
25										
26			0.5						0.3	
27			0.5						0.3	
28			1.0							
29			2.0							
30			1.0	1.0						
31			0.5							
32			2.5	1.0						
33			1.5	1.0						
34			1.5							
35			1.0							
36			0.5							
37			0.5							
38										
39			1.0							
40										
41				1.0						
NO./HOUR	0.0	1.1	84.5	9.0	2.3	0.3	0.0	3.0	0.7	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	2	169	9	7	1	0	3	2	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 305

BENTHOSEMA GLACIALE — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
18		0.9								
19		5.5								
20		1.8								
21		0.9							0.3	
22		1.8								
23										
24										
25										
26										
27										
28										0.4
NO./HOUR	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	12	0	0	0	0	0	0	1	1
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 306

YCTOPHUM PUNCTATUM — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10	1								1
11									
12	2								2
13	2								2
14	2								2
15	1	1							2
16		1							1
17		2							2
18		4							4
19		14							14
20		9	1			3			13
21		3	3						6
22		1	2			1		1	5
23		3	1			3			7
24			2			2			4
25			2					1	3
26			4			2			6
27			1			1			2
28			2					1	3
29			2			2			4
30			5			3			8
31			1						1
32			4			5			9
33			1			1			2
34			1			3		1	5
35			1			2			3
36			2			1			3
37						1			1
38						1			1
39			1			2			3
40			2			1			3
41									
42									
43									
44						1			1
45									
46									
47			1						1
48									
49									
50			1			1			2
TALS	8	38	40	0	0	36	0	4	126

TABLE 307

MYCTOPHUM PUNCTATUM — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15		1							1
16		3							3
17		4							4
18		8							8
19		5							5
20		4							4
21		2	1						3
22		3				1			4
23		2							2
24		1						1	2
25			1						1
26									
27						1			1
28			1						1
29									
30			1			1			2
31						2			2
32			4			1			5
33			1			3			4
34						3			3
35			4			3			7
36						1		1	2
37			3			3			6
38			1			2			3
39			3			1			4
40			3			1			4
41			1			2			3
42						1			1
43			3			2			5
44			1			1			2
45			2						2
46			1			2			3
47			2			2			4
48			4			1			5
49			4						4
50			1			3		1	5
51			3			5			8
52			3			1			4
53			1						1
54			1			2			3
55			1						1
56			2						2
57			1			1			2
58			2						2
59			3						3
60						1			1
61									
62			2			1			3
63									
64			1						1
65						1			1
TOTALS	0	33	62	0	0	49	0	3	147

TABLE 308

MYCTOPHUM PUNCTATUM — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	1								1
9									
10									
11	1								1
12									
13									
14									
15									
16									
17		1							1
18		1							1
19		1							1
20		1							1
21		1							1
22		1							1
23		2						1	3
24			1						1
25		1	4			1			6
26			1					1	2
27		1				2			3
28			3			1			4
29			2			1		2	5
30						3		1	4
31									
32						1			1
33			2			2			4
34			1			2			3
35			4			3			7
36			3			1			4
37			1					1	2
38			1			2			3
39			3			1			4
40			3			1			4
41			2			4			6
42			1			1			2
43						1			1
44			1						1
45									
46						1			1
47						1			1
TOTALS	2	10	33	0	0	29	0	6	80

TABLE 309

MYCTOPHUM PUNCTATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	0.0	0.8	0.0	2	1
50								1.0	0.0	8.0	18.0	0.0	1	26
75								1.0	1.0	1.0	1.0	0.0	1	3
100														
125														
150	3.0	0.0	0.0	0.3	0.0	3	1	3.0	1.7	0.3	0.0	0.0	3	6
175														
200								1.0	0.0	0.0	2.0	0.0	1	2
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	4.0	0.0	1.7	3.3	0.0	3	21	3.0	0.0	1.0	0.3	0.0	3	4
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	2.0	0.0	0.3	0.0	0.0	3	1							
975														
1000														

TABLE 310

MYCTOPHUM PUNCTATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	1.5	8.5	0.0	24	116
25								1.5	0.0	0.7	0.7	0.0	3	2
50								2.0	0.0	2.5	3.5	0.0	1	12
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.3	0.0	3	1
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	1.0	0.0	0.0	1	2	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 311

MYCTOPHUM PUNCTATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.2	2.1	0.0	58	69
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.2	0.0	0.0	0.0	6	1	1.0	0.0	1.0	0.0	0.0	1	1
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.0	0.0	3	1
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.5	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.2	0.5	0.0	2	3							

TABLE 312

MYCTOPHUM PUNCTATUM
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M) 150	235	375	500	700	940
15					0.3	
16					0.3	
17					0.3	
18					0.3	0.3
19					2.0	
20					1.3	
21						
22					0.7	
23					1.0	
24						
25						
26					0.3	
27					0.3	
28						
29						
30						
31						
32						
33						
34	0.3					
NO./HOUR	0.3	0.0	0.0	0.0	7.0	0.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	0	0	21	1
NO. SAMPLES	3	2	3	2	3	3

TABLE 313

MYCTOPHUM PUNCTATUM — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
16							0.5	
17							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	2	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 314

MYCTOPHUM PUNCTATUM — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
8		0.2								
9										
10										
11										
12										
13										
14										
15										
16										
17										0.2
18										
19										
20										
21										
22										
23									0.5	
24										0.2
25										
26										
27										
28									0.5	
29										
30										
31										
32										
33										
34										
35										0.2
NO./HOUR	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	0	0	0	0	0	0	2	3
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 315

MYCTOPHUM PUNCTATUM
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
10				0.3				
11								
12				0.7				
13				0.3				
14			1.0	0.3				
15								
16								
17								
18								
19		2.0		0.3				1.0
20		6.0						
21		2.0						0.3
22		2.0						
23			1.0					
24								
25		1.0			1.0			
26								
27								
28		2.0						
29		1.0						
30	0.8	1.0			1.0			
31								
32		4.0						
33			1.0					
34								
35								
36		2.0						
37		1.0						
38								
39		1.0						
40		2.0						
41								
42								
43								
44		1.0						
NO./HOUR	0.8	28.0	3.0	2.0	2.0	0.0	0.0	1.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	28	3	6	2	0	0	4
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 316

MYCTOPHUM PUNCTATUM
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
16	0.2									
17	0.2		0.5							
18	0.3		0.5							
19	0.3		1.0							
20	0.2		0.5							
21	0.2	0.7								
22	0.2		0.5							
23	0.08									
24	0.08								0.3	
25	0.08									
26										
27			0.5							
28										
29										
30	0.2									
31	0.2									
32	0.4	0.7								
33	0.4									
34	0.3									
35	0.4		0.5							
36	0.1									
37	0.4									
38	0.3									
39	0.3		0.5							
40	0.3		0.5							
41	0.2		0.5							
42	0.08									
43	0.4									
44	0.2									
45	0.08									
46	0.3									
47	0.3									
48	0.3				0.3					
49	0.3									
50	0.4									
51	0.5		0.5							
52	0.3									
53	0.08									
54	0.3									
55	0.08									
56	0.2									
57	0.2									
58	0.2									
59	0.3									
60	0.08									
61										
62	0.3									
63										
64	0.1									
65	0.08									
NO./HOUR	10.0	1.3	6.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	116	2	12	0	1	0	0	0	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

ABLE 317

YCTOPHUM PUNCTATUN
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

IZE HM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
18	0.03									
19	0.03									
20	0.03									
21	0.03									
22	0.03									
23	0.03			0.3						
24										
25	0.2									
26	0.07									
27	0.06		1.0							
28	0.10									
29	0.2									
30	0.1									
31										
32	0.03									
33	0.1									
34	0.1									
35	0.2									
36	0.10									
37	0.07									
38	0.1									
39	0.1									
40	0.1									
41	0.2									
42	0.07									
43	0.03									
44	0.03									
45										
46	0.03									
47	0.03									
./HOUR	2.3	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
. SPEC.	70	0	1	1	0	0	0	0	0	0
. SAMPLES	58	1	1	3	2	3	3	3	3	3

E 318

CLOPHCRUS VERANYI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
		1							1
		1							1
		1							1
			1						1
			1						1
LS	C	3	2	C	C	C	C	C	5

TABLE 319

SYMBOLOPHORUS VERANYI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	1								1
7									
8									
9	4								4
10	3								3
11	1								1
12	3								3
13	2								2
14	1								1
22		2							2
23		2							2
24									
25		1							1
26		1							1
27									
28		1							1
29						1			1
30									
31									
32									
33						1			1
34									
35									
36									
37						1			1
38									
39									
40									
41									
42			1			1			2
43									
44									
45									
46						1			1
47						1			1
48									
49						1			1
50									
51			1						1
52									
53						1			1
54									
55						2			2
56			1						1
57						1			1
58									
59			1						1
60									
61						1			1
62			1			1			2
63			1						1
64									
65						1			1
66			1						1
67						1			1
68									
69						1			1
75			1						1
76									
77									
78						2			2
79						2			2
80									
81							1		1
82							2		2
83									
84				1					1
96							1		1
97									
98									
99									
100									
101									
102									
103									
104									
105				1					1
106									
107									
108									
109									
110									
111									
112									
113									
114				1					1
TOTALS	15	7	8	3	0	20	4	0	57

TABLE 320

SYMBOLOPHORUS VERANYI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
9	4								4
10	1								1
[illegible]									
23		1							1
24									
25									
26									
27									
28		1							1
29									
30									
31		1							1
[illegible]									
66						1			1
67									
68									
69						1			1
70									
71									
72									
73									
74									
75									
76									
77									
78						1			1
TOTALS	5	3	C	C	0	3	C	C	11

TABLE 321

SYMBOLOPHORUS VERANYI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	2.0	0.0	1	2
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	1.0	0.0	0.0	3	3	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

ABLE 322

YMBOLOPHORUS VERANYI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
EPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.1	1.4	0.4	24	23
25								1.5	0.0	0.7	0.7	0.0	3	2
50								2.0	5.0	0.0	2.5	0.0	1	15
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	1.0	0.0	0.0	1	1
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.7	0.0	0.0	0.3	3	3
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.5	0.0	0.0	1	1	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

BLE 323

MBOLOPHORUS VERANYI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF								29.0	0.0	0.03	0.0	0.0	58	1
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.9	0.0	1	1
75														
100	6.0	0.7	0.0	0.0	0.0	6	4	1.0	0.0	1.0	0.0	0.0	1	1
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.3	0.0	3	1
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 324

SYMBOLOPHORUS VERANYI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
20					0.3	
21					0.3	
22					0.3	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	3	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 325

SYMBOLOPHORUS VERANYI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
28							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	1	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 326

SYMBOLOPHORUS VERANYI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
9		0.5								
10		0.2								
NO./HOUR	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	4	0	0	0	0	0	0	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 327

SYMBOLOPHORUS VERANYI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
50		1.0						
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64		1.0						
NO./HOUR	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	2	0	0	0	0	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 328

SYMBOLOPHORUS VERANYI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
6			0.5							
7										
8										
9			1.0							
10			1.5							
11					0.3					
12			0.5		0.3					
13			1.0							
14			0.5							
[redacted]										
22	0.08			1.0						
23										
24										
25		0.7								
26										
27										
28										
29		0.7								
[redacted]										
37			0.5							
38										
39										
40										
41										
42			1.0							
43										
44										
45										
46			0.5							
47			0.5							
48										
49	0.08									
50										
51	0.08									
52										
53	0.08									
54										
55	0.2									
56	0.08									
57										
58										
59	0.08									
60										
61	0.08									
62	0.08									
63	0.08									
64										
65	0.08									
66										
67	0.08									
68										
69	0.08									
70										
71										
72										
73										
74										
75	0.08									
76										
77	0.2									
78	0.08									
79										
80										
81										
82	0.2									
83										
84	0.08									
[redacted]										
96	0.08									
97										
98										
99										
100										
101										
102										
103										
104										
105										
[redacted]					0.3					
114	0.08									
NO./HOUR	1.9	1.3	7.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	23	2	15	1	3	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 329

SYMBOLOPHORUS VERANYI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
23			1.0							
24										
25										
26										
27										
28										
29										
30										
31	0.03									
[illegible]										
69				0.3						
70										
71										
72										
73										
74										
75										
76										
77										
78		0.9								
NO./HOUR	0.03	0.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	1	1	1	1	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 330

CONICHTHYS CCCCC — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
28		1							1
29									
30									
31									
32									
33									
34									
35									
36									
37									
38			1						1
TOTALS	0	1	1	0	0	0	0	0	2

TABLE 331

CONICHTHYS CCCCC — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
14		1							1
TOTALS	0	1	0	0	0	0	0	0	1

LE 332

ICHTHYS COCCO NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

E	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
	1								1
		10							10
		70							70
		56							56
		14	21			17			52
		3	36			27			66
		1	24			28			53
			16			17			33
			7			6			13
			8			4			12
						4			4
			1			5			6
			1						1
			3			1			4
			2			2			4
			1			1			2
			2						2
						1			1
						1			1
						1			1
						1			1
						1			1
			1			1			2
			1						1
			1						1
ALS	1	154	125	0	0	118	0	0	398

BLE 333

NICHTHYS COCCO NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

PTH	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF								29.0	0.0	0.03	0.03	0.0	58	2
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
000	3.0	0.0	0.0	0.0	0.0	2	0							

ABLE 334

ONICHTHYS COCCO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
EPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	1.0	0.0	0.0	1	1							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	0.0	1	0							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

BLE 335

NICHTHYS COCCO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
URF								7.8	0.0	15.7	26.1	0.0	15	391
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	1.0	0.0	1.0	0.0	1	2
125														
150								1.0	0.0	1.0	0.0	0.0	1	1
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	1.0	0.0	2	2							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
000														

TABLE 336

GONICHTHYS COCCO — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
14	1.0	
NO./HOUR	1.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	0
NO. SAMPLES	1	1

TABLE 337

GONICHTHYS COCCO — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
29						0.5
30						
31						
32						
33						
34						
35						
36						
37						
38						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	2
NO. SAMPLES	1	1	1	1	1	2

TABLE 338

GONICHTHYS COCCO — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
28	0.03									
29										
30										
31										
32										
33										
34										
35										
36										
37										
38	0.03									
NO./HOUR	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	2	0	0	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 339

GONICHTHYS COCCO NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
10			1.0						
11									
12									
13									
14									
15									
16	1.1			1.0					
17	8.8								
18	7.1								
19	6.4								
20	8.1								
21	6.5								
22	4.0								
23	1.6								
24	1.2		1.0						
25	0.5								
26	0.8								
27	0.1								
28	0.5								
29	0.4								
30	0.3								
31	0.3								
32	0.1								
33	0.1								
34	0.09								
35	0.1								
36	0.1								
37	0.3								
38									
39	0.1								
NO./HOUR	48.8	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	391	0	2	1	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 340

CBIANCHIA CCFLEINI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12		3							3
13		2							2
14		6							6
15		3	2						5
16		1	1						2
17		4	4						8
18		7	2			2			11
19			1			1			2
20		1	5			3			9
21			8			12			20
22			11			9			20
23			6			12			18
24			8			12			20
25			8			21		1	30
26			16			13			29
27			6	4			5		15
28			2	7			10		19
29				6			25		31
30				13			12		25
31				5			5		10
32				8			1		9
33				4			2		6
34				2			2		4
35				2			1		3
36							2		2
37				2					2
38				3			1		4
39									
40									
41									
42				1					1
TOTALS	0	27	80	57	0	85	70	1	320

TABLE 341

LOBIANCHIA GIBBERI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	OVIGEROUS FEMALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
1		1							1
11		6							6
12		1							1
13									
14									
15									
16	1	1							2
17						1			1
18						1			1
19						1			1
20									
21						4			4
22						1			1
23			1			2			3
24						4			4
25			1			3			4
26			1			1			2
27			1						1
28									
29				1					1
30				1					1
31									
32				1			2		3
33									
34									
35							1		1
36									
37				1					1
38									
TOTALS	1	9	4	4	0	1	3	0	35

TABLE 342

LOBIANCHIA GIBBERI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	OVIGEROUS FEMALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	1								1
8									
9									
10									
11									
12		2							2
13									
14									
15		1							1
16		2				1			3
17			2						2
18									
19									
20			1			1			2
21			1						1
22									
23			2			1			3
24			2						2
25			1						1
26						2			2
27			1						1
28			1						1
29									
30							1		1
31							1		1
32									
33				1			1		2
34				2			2		4
35							1		1
36									
37				1					1
38				1					1
TOTALS	1	6	11	5	0	5	6	0	33

TABLE 343

LOBIANCHIA DOFLEINI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	CASTAGE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15		1							1
16			1						1
17		1	3						4
18		1	1			2			4
19						1			1
20			1						1
21			1						1
22			1			1			2
23			1			1			2
24			1			1			2
25			1			2			4
26						1			1
27							1		1
28			1						1
TOTALS	0	3	12	[illegible]	[illegible]	10	1	[illegible]	36

10

TABLE 344

LOBIANCHIA DOFLEINI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	CASTAGE MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
23						1			1
24									
25						2			2
26									
27							1		1
TOTALS	0	0	0	[illegible]	[illegible]	3	1	[illegible]	4

TABLE 345

LOBIANCHIA DOFLEINI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	1.0	0.0	0.0	2	1
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	3.0	37.0	21.0	1	61
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	7.3	3	22
175														
200								1.0	0.0	0.0	0.0	2.0	1	2
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.3	0.0	3	1
275														
300														
325														
350														
375	3.0	0.0	1.0	5.3	2.0	3	25							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	3.0	10.5	13.0	2	53							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 346

LOBIANCHIA DOFLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.5	3.5	8.0	0.5	1	25
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	2.0	1	3
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.3	3	1
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	1.0	0.0	3	3	2.1	0.0	0.0	0.0	0.5	2	1
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 347

LOBIANCHIA DOFLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.9	0.0	1	1
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	1.0	1.0	1	2
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	2.3	3	7
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	1
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.3	1.3	0.0	3	5	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.3	0.0	0.0	3	1	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

LE 348

IANCHIA DOFLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
TH	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
RF														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00	1.	.0	3.0	13.0	1.0	1	17							
25														
50														
75														
00														
25														
50														
75														
00	1.0	0.	.0	0.0	0.0	1	7							
25														
50														
75														
00														
25														
50														
75														
00														
25														
50														
75														
00														

BLE 349

BIANCHIA DOFLEINI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF								7.8	0.0	0.0	0.0	0.0	1	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	0.0	0.0	1.0	1.0	1	2
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
000														

TABLE 350

LOBIANCHIA DOFLEINI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
12				0.5		
13						
14				1.5		
15				0.5		
16						
17			0.3	2.0		
18			0.7	1.0		
19				0.5		
20			0.3	0.5		
21			1.0	0.5		
22			0.7	0.5		
23			1.0	1.0		
24			0.7	1.5		
25			1.0	2.0		
26			0.3	1.5		
27			0.3	1.0		
28			0.7	1.0		
29			0.3	4.5		
30			0.3	1.0		
31				2.5		
32				0.5		
33			0.7	0.5		
34				0.5		
35				0.5		
36						
37						
38				0.5		
39						
40						
41						
42				0.5		
NO./HOUR	0.0	0.0	8.3	26.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	25	53	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 351

LOBIANCHIA DOFLEINI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
21						0.3		
22								
23						0.3		
24								
25								
26								
27						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	3	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 352

LOBIANCHIA DOFLEINI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
12								0.3		
13										
14										
15										
16							0.7			
17							0.3			
18										
19										
20							0.7			
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	5	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 353

LOBIANCHIA DOFLEINI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
15	1.0	
16		
17	2.0	
18	3.0	
19		
20	1.0	
21		
22	1.0	
23	1.0	
24	2.0	
25	4.0	
26	1.0	
27	1.0	
NO./HOUR	17.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	17	0
NO. SAMPLES	1	1

TABLE 354

LOBIANCHIA DOFLEINI NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
12			1.0					
13			2.0					
14								
15								
16								
17			1.0					
18	1.0		1.0			0.3		
19								
20			2.0					
21			3.0					
22			5.0					
23			4.0					
24			3.0					
25			5.0					
26			12.0					
27			6.0					
28			7.0	0.3				
29			4.0	2.3				
30			2.0	0.7				
31			1.0	0.3				
32			2.0	0.7				
33				1.0				
34				0.7	1.0			
35				0.7				
36					1.0			
37				0.7				
NO./HOUR	1.0	0.0	61.0	7.3	2.0	0.3	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	0	61	22	2	1	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 355

LOBIANCHIA DOFLEINI NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
10			0.5							
11			2.5							
12										
13										
14										
15										
16			1.0							
17			0.5							
18			0.5							
19			0.5							
20										
21			1.0							
22			0.5							
23			1.0							
24			1.5							
25			1.5	1.0						
26			1.0							
27										
28										
29			0.5							
30				1.0						
31										
32				1.0	0.3					
33										
34										
35							0.5			
36										
37										
38										
39						0.3				
NO./HOUR	0.0	0.0	12.5	3.0	0.3	0.3	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	25	3	1	1	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 356

LOBIANCHIA DOFLEINI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
24		0.9								
25										
26			1.0							
27										
28										
29										
30						0.3				
31				0.3						
32										
33			1.0	0.3						
34				0.7						
35				0.3						
36										
37				0.3						
38				0.3						
NO./HOUR	0.0	0.9	2.0	2.3	0.0	0.3	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	2	7	0	1	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 357

LOBIANCHIA DOFLEINI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
23			1.0						
24									
25									
26									
27			1.0						
NO./HOUR	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	2	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 358

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
32			1						1
33									
34						1			1
35						1			1
36			1						1
37						1			1
38						1			1
39						1			1
40									
41			1						1
42									
43									
44						1			1
45						2			2
46						1			1
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57				1					1
58							1		1
59									
60				1					1
61									
62				2					2
63				2					2
64				1					1
TOTALS	C	C	3	7	0	9	1	0	20

TABLE 359

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
34						1			1
35						1			1
36						1			1
37						1			1
38						1			1
39						1			1
40						2			2
41						1			1
42									
43						3			3
44						1			1
45						1			1
46						1			1
47						1			1
48									
49									
50									
51									
52						1			1
[redacted]									
69									
70				1					1
TOTALS	C	C	C	1	0	17	C	0	18

TABLE 360

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
13		1							1
14		1							1
[illegible]									
27			1						1
28									
29									
30									
31									
32						1			1
33						1			1
34						1			1
35									
36			3						3
37			1			2			3
38						2			2
39			1			1			2
40						1			1
41									
42			1						1
43									
44						1			1
45			1						1
46									
47									
48									
49									
50									
51									
52									
53							2		2
54				2					2
55									
56				2			1		3
57				3			1		4
58				3					3
59				1					1
60									
61				1			1		2
62				1			1		2
63							2		2
64									
65									
66									
67									
68									
69				3			1		4
70				2					2
71									
72				1					1
73									
74				1					1
75									
76				1					1
77				1					1
78				1					1
TOTALS	0	2	8	23	0	10	9	0	52

TABLE 361

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11	1								1
[illegible]									
40						1			1
[illegible]									
58									
59				1					1
TOTALS	1	0	0	1	0	1	0	0	3

TABLE 362

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11	2								2
32			1						1
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46			1						1
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60							1		1
61									
62									
63									
64									
65									
66				1					1
67									
68									
69									
70									
71									
72									
73									
74				1					1
TOTALS	2	0	2	2	0	0	1	0	7

TABLE 363

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200								1.0	0.0	0.0	1.0	0.0	1	1
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.3	0.0	3	1
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.3	0.3	3	2
425														
450														
475														
500	2.0	0.0	0.0	3.0	3.5	2	13							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 364

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	2.0	0.0	1	4
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	0.0	1	1
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	1.7	0.0	3	5
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.3	0.0	3	1	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 365

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.04	58	1
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	3.7	0.0	1	4
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	1.0	0.0	1	1
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.3	0.3	3	2
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.5	2	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	1.3	3	4
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.3	2.3	3	8
425														
450														
475														
500	3.0	0.0	0.0	1.3	1.0	3	7	3.0	0.0	0.0	0.0	0.7	3	2
525														
550														
575														
600	3.0	0.0	0.0	0.0	2.3	3	7	3.0	0.0	0.0	0.0	0.7	3	2
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 366

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	0.0	1.0	1.0	1	2							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	0.0	1	0							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 367

DIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	0.0	0.0	0.0	0.0	1	0
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	2.0	1	2
550														
575														
600														
625														
650														
675	2.0	1.0	0.0	0.5	0.0	2	3							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 368

DIAPHUS RAFINESQUEI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
34				0.5		
35						
36				0.5		
37				0.5		
38				0.5		
39				0.5		
40						
41						
42						
43						
44				0.5		
57				0.5		
58				0.5		
59						
60						
61						
62				1.0		
63				1.0		
64				0.5		
NO./HOUR	0.0	0.0	0.0	6.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	13	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 369

DIAPHUS RAFINESQUEI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
44						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	1	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 370

DIAPHUS RAFINESQUEI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
36							0.7			
37										
38										
39							0.3			
40										
41										
42							0.3			
▬										
54								0.3		
55										
56										
57							0.3	0.7		
58										
59										
60										
61										
62								0.7		
63							0.3			
64										
65										
66										
67										
68										
69								0.3		
70										
71										
72							0.3			
73										
74										
75										
76										
77										
78								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	7	7	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 371

DIAPHUS RAFINESQUEI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
40	1.0	
▬		
59	1.0	
NO./HOUR	2.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	2	0
NO. SAMPLES	1	1

TABLE 372

DIAPHUS RAFINESQUEI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
11						1.0
▬						
46						0.5
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	3
NO. SAMPLES	1	1	1	1	1	2

TABLE 373

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
41							0.3	
42								
43								
44								
45					1.0	0.3		
[illegible]								
60							0.3	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.3	0.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	1	2	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 374

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
34			0.5							
35			0.5							
36			0.5							
37			0.5							
38				1.0						
39						0.3				
40						0.3				
41										
42										
43						0.7				
44										
45										
46										
47						0.3				
NO./HOUR	0.0	0.0	2.0	1.0	0.0	1.7	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	4	1	0	5	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 375

DIAPHUS RAFINESQUEI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
27							0.3			
28										
29										
30										
31										
32		0.9								
33										
34		0.9								
35										
36										
37		0.9	1.0							
38										
39		0.9								
40										
41										
42										
43										
44										
45				0.3						
46										
47										
48										
49										
50										
51										
52										
53	0.04			0.3						
54						0.3				
55										
56							0.6			
57							0.3			
58						0.3	0.3			
59							0.3			
60										
61						0.3	0.3			
62										
63					0.5					
64										
65										
66										
67										
68										
69						0.3			0.3	
70								0.7		
71										
72										
73										
74							0.3			
75										
76									0.3	
NO./HOUR	0.04	3.7	1.0	0.7	0.5	1.3	2.6	0.7	0.7	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	1	4	1	2	1	4	8	2	2	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 376

DIAPHUS RAFINESQUEI — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
60									1.0
[illegible]									1.0
74									
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	0	0	0	0	0	2
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 377

DIAPHUS FELTI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
9	1								1
10									
11									
12		4							4
13		4							4
14		1							1
[illegible]									
28									
29									
30				1			1		2
31									
32									
33									
34				1			4		5
35				7			6		13
36				4			5		9
37				2			2		4
38				5			3		8
39				1			2		3
40				3					3
41							1		1
42				1					1
TOTALS	1	9	0	25	0	0	24	0	59

TABLE 378

DIAPHUS FELTI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	1								1
7									
8									
9									
10	1								1
11	1								1
12		1							1
[illegible]									
33							1		1
34									
35				1					1
TOTALS	3	1	0	1	0	0	1	0	6

TABLE 379

DIAPHUS FELTI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
10		3							3
11		6							6
12		3							3
13		3							3
14									
15		1							1
[illegible]									
33							1		1
34									
35									
36							1		1
37									
38									
39							1		1
TOTALS	0	16	0	0	0	0	3	0	19

TABLE 380

DIAPHUS FELTI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
13		1							1
14		1							1
TOTALS	0	2	0	0	0	0	0	0	2

TABLE 381

DIAPHUS HOLTI

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
11		1							1
12		4							4
13		5							5
14		4							4
15		1							1
16		1							1
17		1							1
TOTALS	0	17	0	0	0	0	0	0	17

TABLE 382

DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.		TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-INDIV.	
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	0.0	0.0	0.0	1	0
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	5.7	3	17
175														
200								1.0	0.0	0.0	0.0	9.0	1	9
225														
250	2.0	0.0	0.0	0.0	0.5	2	1	3.0	0.0	0.3	0.0	0.0	3	1
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.7	0.0	0.0	3	2
425														
450														
475														
500	2.0	0.0	2.5	0.0	0.0	2	5							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
1000														

TABLE 383

DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	0.0	0.0	1	0
75														
100	2.0	1.0	0.0	0.0	0.0	2	2	1.0	0.0	0.0	0.0	2.0	1	2
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 384

DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	2.0	0.0	1.0	1	3
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.7	3	2
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	2.0	0.0	0.0	2	4
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	2.7	0.0	0.0	3	8	3.0	0.0	0.3	0.0	0.0	3	1
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 385

DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	1.0	0.0	0.0	1	1							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	0.0	0.0	0.0	1	0							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 386

DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	0.0	0.0	1	0
75														
100								1.0	0.0	1.0	0.0	0.0	1	1
125														
150								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	1.0	0.0	0.0	1	1	1.0	0.0	9.0	0.0	0.0	1	9
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	1.0	0.0	0.0	1	1
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	1.0	0.0	0.0	2	2							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 387

DIAPHUS HOLTI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
12				1.5		
13				1.0		
40		0.5				
NO./HOUR	C.0	0.5	0.C	2.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	C	5	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 388

DIAPHUS HOLTI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
10		0.5						
11		0.5						
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 389

DIAPHUS HOLTI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
10								0.7		
11								1.7		
12								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	8	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 390

DIAPHUS HOLTI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
14	1.0	
NO./HOUR	1.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	0
NO. SAMPLES	1	1

TABLE 391

DIAPHUS HOLTI
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
13						0.5
14						0.5
15						
16						
17	1.0					
NO./HOUR	1.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	0	2
NO. SAMPLES	1	1	1	1	1	2

TABLE 392

DIAPHUS HOLTI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
12							0.3	
13						0.3	0.3	
[redacted]								
30				0.3				
31								
32								
33								
34				1.0				
35				2.0	3.0			
36				0.7	4.0			
37				0.7	1.0			
38				0.7	1.0			
39								
40				0.3				
NO./HOUR	0.0	0.0	0.0	5.7	9.0	0.3	0.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	17	9	1	2	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 393

DIAPHUS HOLTI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
33				1.0						
34										
35				1.0						
NO./HOUR	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	2	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 394

DIAPHUS HOLTI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
10									0.3	
11					0.5					
12			1.0		0.5					
13			1.0		0.5					
14										
15					0.5					
[redacted]										
33				0.3						
34										
35										
36				0.3						
37										
38										
39			1.0							
NO./HOUR	0.0	0.0	3.0	0.7	2.0	0.0	0.0	0.0	0.3	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	3	2	4	0	0	0	1	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 395

DIAPHUS HOLTI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
11								1.0	
12			1.0		2.0				
13					3.0				
14					3.0				
15									
16					1.0				
NO./HOUR	0.0	0.0	1.0	0.0	9.0	0.0	0.0	1.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	1	0	9	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 396

LAMPANYCTUS CROCODILUS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	3								3
9	1								1
10									
11									
12									
13		1							1
14									
15		1							1
16									
17									
18		1							1
19		2							2
20		2							2
21		13							13
22		13							13
23		13							13
24		16							16
25		7							7
26		3							3
27		1							1
28		1							1
29		1							1
[illegible]									1
51		1							
52									
53									
54									
55									
56									
57									
58									
59									
60									1
61		1							1
62		1							
63									
64									
65									
66									
67									
68									
69									
70									
71									1
72		1							
73									
74									1
75		1							
76									
77									
78									
[illegible]									
124									1
125			1						
126									
127									
128									
129									
130									
131									
132						1			1
133									
TOTALS	4	80	1	0	0	1	0	0	86

TABLE 397

LAMPANYCTUS CROCODILUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	1								1
7									
8									
9	4								4
10	5								5
11	2								2
12	1								1
17		1							1
18									
19		1							1
20		3							3
21		2							2
22		7							7
23		10							10
24		7							7
25		3							3
26		2							2
27		3							3
28		3							3
29		1							1
30		1							1
31									
32									
33									
34									
35									
36		1							1
37									
38		1							1
39									
40									
41									
42									
43									
44		1							1
45									
46									
47		1							1
48									
49									
50									
51									
52									
53		1							1
54									
55									
56		1							1
57									
58									
59									
60									
61									
62									
63		1							1
64									
65									
66									
67		1							1
68									
69		2							2
70		1							1
71									
72									
73		1							1
83			1						1
84									
101			1						1
102									
103									
104									
105									
106									
107									
108			1						1
125									
126			1						1
170									
			1						1
TOTALS	17	56	5	0	0	0	0	0	78

TABLE 398

LAMPANYCTUS CROCODILUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	3								3
9									
10									
11									
12									
13									
14		1							1
15		2							2
16									
17									
18		1							1
19									
20		1							1
21									
22									
23		1							1
24		3							3
25		1							1
26		4							4
27		2							2
28		2							2
29		3							3
30									
31		1							1
32		2							2
33		1							1
34									
35									
36									
37		1							1
38									
39		1							1
40									
41									
42									
43		1							1
44		1							1
45		1							1
46									
47									
[redacted]						1			1
79						1			1
81									
[redacted]									1
124			1						
125									
126									
127						1			1
128			1			1			1
129									
TOTALS	3	30	2	0	0	4	0	0	39

TABLE 399

LAMPANYCTUS CROCODILUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
20		1							1
TOTALS	0	1	0	0	0	0	0	0	1

TABLE 400

LAMPANYCTUS CROCODILUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
18		1							1
19		1							1
20		3							3
21									
22		1							1
23									
24		1							1
25									
26									
27									
28									
29									
30									
31		1							1
TOTALS	0	8	0	0	0	0	0	0	8

TABLE 401

LAMPANYCTUS CROCODILUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY NUMBER PER HOUR JUVENILE	DAY NUMBER PER HOUR SUBADULT	DAY NUMBER PER HOUR ADULT	DAY NUMBER OF SAMP.	DAY NUMBER OF INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT NUMBER PER HOUR JUVENILE	NIGHT NUMBER PER HOUR SUBADULT	NIGHT NUMBER PER HOUR ADULT	NIGHT NUMBER OF SAMP.	NIGHT NUMBER OF INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	4.0	0.0	0.0	1	4
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	1.0	0.0	0.0	0.0	3	3
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.3	0.0	0.0	3	1
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	21.8	0.3	0.0	3	67	3.0	0.0	2.0	0.3	0.0	3	7
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.7	0.0	0.0	3	2							
975														
1000														

TABLE 402

LAMPANYCTUS CROCODILUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

DEPTH M	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY NUMBER PER HOUR JUVENILE	DAY NUMBER PER HOUR SUBADULT	DAY NUMBER PER HOUR ADULT	DAY NUMBER OF SAMP.	DAY NUMBER OF INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT NUMBER PER HOUR JUVENILE	NIGHT NUMBER PER HOUR SUBADULT	NIGHT NUMBER PER HOUR ADULT	NIGHT NUMBER OF SAMP.	NIGHT NUMBER OF INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	5.5	5.0	0.0	0.0	1	21
75														
100	2.0	0.0	1.0	0.0	0.0	2	2	1.0	0.0	3.0	0.0	0.0	1	3
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.3	0.3	0.0	0.0	3	2
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	10.5	0.0	0.0	1	21	3.0	0.0	2.6	0.3	0.0	3	9
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	1.0	1.0	0.0	1	2	3.0	0.0	0.3	1.0	0.0	3	4

TABLE 403

LAMPANYCTUS CROCODILUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.9	0.0	0.0	1	1
75														
100	6.0	0.0	0.2	0.0	0.0	6	1	1.0	0.0	1.0	0.0	0.0	1	1
125														
150	2.0	0.0	0.5	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.5	0.0	0.0	6	3	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.3	0.3	0.0	3	2
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.7	0.0	0.0	3	2
625														
650														
675														
700														
725														
750	2.0	0.0	5.5	0.5	0.0	2	12	3.0	0.0	0.6	0.4	0.0	3	4
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.5	0.2	0.0	2	3							

TABLE 404

LAMPANYCTUS CROCODILUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M) 150	235	375	500	700	940
13					0.3	
14						
15						
16						
17						
18					0.3	
19					0.3	
20					0.7	
21					4.3	
22					4.0	
23					4.3	
24					5.0	
25					1.7	
26					0.3	
27					0.3	
28						
29					0.3	
[illegible]						
62						0.3
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						0.3
[illegible]						
133					0.3	
NO./HOUR	0.0	0.0	0.0	0.0	22.1	0.7
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	67	2
NO. SAMPLES	3	2	3	2	3	3

TABLE 405

LAMPANYCTUS CROCODILUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
19							0.5	
20							0.5	
21								
22							2.0	
23							2.5	
24							2.0	
25								
26							0.5	
27							1.5	
28		1.0						
29								
30							0.5	
31								
32								
33								
34								
35								
36								
37								
38							0.5	
[illegible]								1.0
[illegible]								
82								
83								1.0
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	10.5	2.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	21	2
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 406

LAMPANYCTUS CROCODILUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
14		0.2								
15			0.5	0.2						
16										
17										
18				0.2						
19										
20				0.2						
21										
22										
23									0.5	
24									1.5	
25									0.5	
26									1.0	
27									0.5	
28										
29									0.5	
30										
31										
32									0.5	
33										
34										
35										
36										
37										
38										
39										0.2
40										
41										
[illegible]										
[illegible]									0.5	
[illegible]										0.2
124									0.5	
125										
126										
127										
128										0.2
NO./HOUR	0.0	0.2	0.5	0.8	0.0	0.0	0.0	0.0	4.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	1	3	0	0	0	0	12	3
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 407

LAMPANYCTUS CROCODILUS NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
8				1.0				
9								
10								
11								
12								
13								
14								
15								0.3
16								
17								
18								
19								0.3
20								
21								
22			1.0					
23								
24			1.0					
25			1.0					
26							0.3	0.3
27								
28			1.0					
[redacted]								
51								0.3
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								0.3
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								0.3
76								
77								
[redacted]								
125								0.3
NO./HOUR	0.0	0.0	4.0	1.0	0.0	0.0	0.3	2.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	4	3	0	0	1	7
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 408

LAMPANYCTUS CROCODILUS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
9			1.0		0.3					
10			3.0							
11			1.0							
12			0.5							
20			0.5						0.3	
21			0.5							
22			1.0							
23			1.0							
24					0.3					
25			1.0	1.0						
26										
27										
28			0.5							
29				1.0						
36			0.5							
44				1.0						
45										
46										
47									0.3	
48										
49										
50										
51										
52										
53									0.3	
54										
55										
56									0.3	
63									0.3	
64										
65										
66										
67									0.3	
68										
69									0.3	
70										0.3
71										
72										
73									0.3	
101										
102										0.3
103										
104										
105										
106										
107										
108										
124										0.3
125										
126										0.3
175										
176										
177										
178									0.3	
NO./HOUR	0.0	0.0	10.5	3.0	0.7	0.0	0.0	0.0	2.9	1.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	21	3	2	0	0	0	9	4
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 409

LAMPANYCTUS CROCODILUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
26			1.0							
27										
28		0.9							0.3	
29										0.3
30										
31										
32										
33							0.3			
34										
35										
36										
37									0.3	
38										
39										
40										
41										
42										
43										
44										
[illegible]										0.3
78										
79							0.3			
80										
[illegible]										0.4
129										
										0.3
NO./HOUR	0.0	0.9	1.0	0.0	0.0	0.0	0.6	0.0	0.7	1.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	1	0	0	0	2	0	2	4
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 410

LAMPANYCTUS PUSILLUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15		3							3
16		4							4
17		2	1						3
18		3	1						4
19		1	2						3
20		1							1
21									
22			1			1			2
23			2			2			4
24			1			1			2
25						1			1
26									
27						5			5
28						9			9
29			3			4			7
30			7			4			11
31			1			5			6
32			1	1		4			6
33			2	10			7		19
34			4	14			5		23
35			1	21			7		29
36			5	28			12		45
37				19					19
38				10			1		11
39			1	3					4
TOTALS	0	14	33	106	0	36	32	0	221

TABLE 411

LAMPANYCTUS PUSILLUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
7	2								2
8									
9									
10									
11									
12									
13		1							1
14		2							2
15		3							3
16		2							2
17						1			1
18		1	2						3
19									
20		1				1			2
21			1						1
22		1				1			2
23									
24			1						1
25			1			1			2
26			1						1
27						1			1
28			1			1			2
29			1			1			2
30						1			1
31			1			1			2
32			1	1		2			4
33									
34							3		3
35				1			3		4
36				1			1		2
37				2			1		3
38				1					1
39				1					1
TOTALS	2	11	10	7	0	11	8	0	49

TABLE 412

LAMPANYCTUS PUSILLUS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
15		2							2
16		12							12
17		5							5
18		13							13
19		6							6
20		5	1						6
21		7							7
22		1							1
23			1						1
24									
25						1			1
26			1						1
27						1			1
28			2						2
29			1			4			5
30						1			1
31						1			1
32				1		2			3
33				1			3		4
34							3		3
35							1		1
36				1					1
37				2			2		4
TOTALS	0	51	6	5	0	10	9	0	81

TABLE 413

LAMPANYCTUS PUSILLUS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16		1							1
17		2							2
18		4							4
19		1							1
20		1							1
21		3							3
22		2							2
23			3			2			5
24			2			2			4
25			1			1			2
26			1						1
27						2			2
28						1			1
29									
30									
31						1			1
TOTALS	0	14	7	0	0	9	0	0	30

TABLE 414

LAMPANYCTUS PUSILLUS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
16		1							1
17		2							2
18		5							5
19		5							5
20		2							2
21		1							1
22								1	1
23			1						1
24						1			1
25			1						1
26									
27			1						1
28			1						1
29									
30									
31						1			1
32						3			3
33			1	1					2
34									
35				1					1
36				1					1
37									
38			1						1
39				1					1
TOTALS	0	16	6	4	0	5	0	1	32

TABLE 415

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	0.0	0.0	0.0	2	0
50								1.0	0.0	0.0	0.0	0.0	1	0
75								1.0	0.0	4.0	14.0	20.0	1	38
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	1.7	3	5
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.5	0.0	0.0	2	1							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	1.0	5.6	12.5	3	58	3.0	0.0	0.0	0.0	0.0	3	0
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	1.0	2.3	3	10							
975														
1000														

BLE 416

MPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	1.0	3.0	8.0	1.0	1	26
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	5.0	1	6
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.3	1.0	0.0	3	4
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	1.0	1	1
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	2.0	1	4	3.0	0.0	0.3	0.0	0.0	3	1
825														
850														
875														
900														
925														
950														
975														
000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 417

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.9	0.0	1	1
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	4.0	1.0	1	5
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	16.5	0.7	0.0	3	52	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.5	0.5	2	2	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.2	2	1							

TABLE 418

LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	1.0	0.0	0.0	1	1							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	3.0	10.0	0.0	1	13							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

BLE 419

MPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

PTH M	DAY							NIGHT						
	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	0.0	1.0	0.0	1	1
75														
100								1.0	0.0	8.0	6.0	2.0	1	16
125														
150								1.0	0.0	0.0	1.0	0.0	1	1
175	1.0	0.0	0.0	1.0	0.0	1	1	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	1.0	0.0	0.0	1	1
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	2.0	0.0	0.0	2	4							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 420

LAMPANYCTUS PUSILLUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
15					1.0	
16						
17				0.5		
18					0.3	
19						
20						
21						
22					0.3	
23					0.3	
24						
25						
26						
27					0.3	
28					1.0	0.3
29					0.3	
30					0.7	
31					1.0	
32					1.0	
33					1.7	
34					3.0	0.3
35					2.0	1.3
36					3.6	1.0
37					2.3	
38					0.3	0.3
NO./HOUR	0.0	0.0	0.0	0.5	19.2	3.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	1	58	10
NO. SAMPLES	3	2	3	2	3	3

TABLE 421

LAMPANYCTUS PUSILLUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
32							0.5	
33								
34								
35							0.5	
36								
37								
38							0.5	
39							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	4	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 422

LAMPANYCTUS PUSILLUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
15								0.7		
16								4.0		
17								1.7		
18								4.3		
19								2.0		
20								1.3		
21								2.3		
22								0.3		
23										
24										
25								0.3		
26										
27								0.3		
28										
29									0.5	
30										
31										
32										
33										
34										
35										0.2
36									0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	1.0	0.2
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	52	2	1
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 423

LAMPANYCTUS PUSILLUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
18	1.0	2.0
19		
20		
21		1.0
22		
23		3.0
24		3.0
25		1.0
26		1.0
27		2.0
NO./HOUR	1.0	13.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	13
NO. SAMPLES	1	1

TABLE 424

LAMPANYCTUS PUSILLUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
17						0.5
18						0.5
19						0.5
20						0.5
21						
[illegible]	1.0					
NO./HOUR	1.0	0.0	0.0	0.0	0.0	2.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	0	4
NO. SAMPLES	1	1	1	1	1	2

TABLE 425

LAMPANYCTUS PUSILLUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
16			2.0					
17								
18			1.0					
19								
20			1.0					
21								
22			1.0					
23			1.0					
24								
25								
26								
27			1.0					
28			3.0					
29			3.0					
30			2.0					
31			2.0					
32			1.0					
33			3.0					
34			4.0					
35			3.0	0.7				
36			8.0	1.0				
37								
38			2.0					
NO./HOUR	0.0	0.0	38.0	1.7	0.0	0.0	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	38	5	0	0	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 426

LAMPANYCTUS PUSILLUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
7			1.0							
8										
9										
10										
11										
12										
13			0.5							
14										
15			1.0		0.3					
16			1.0							
17			0.5							
18			1.0						0.3	
19										
20			1.0							
21			0.5							
22			0.5							
23										
24			0.5							
25			0.5	1.0						
26					0.3					
27			0.5							
28			0.5		0.3					
29			1.0							
30			0.5							
31			0.5		0.3					
32			1.0							
33										
34			0.5	1.0						
35				2.0						
36			0.5	1.0						
37				1.0				1.0		
NO./HOUR	0.0	0.0	13.0	6.0	1.3	0.0	0.0	1.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	26	6	4	0	0	1	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 427

LAMPANYCTUS PUSILLUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
28		0.9								
29			2.0							
30										
31			1.0							
32			1.0							
33			1.0							
NO./HOUR	0.0	0.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	5	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 428

LAMPANYCTUS PUSILLUS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
16			1.0						
17									
18			1.0				1.0		
19			4.0						
20			1.0						
21			1.0						
22			1.0						
23		1.0							
24			1.0						
25									
26									
27			1.0						
28			1.0						
29									
30									
31			1.0						
32			1.0	1.0					
33			2.0						
34									
35									
36									
37									
38									
39			1.0						
NO./HOUR	0.0	1.0	17.0	1.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	1	17	1	0	0	1	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 429

CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
6	1								1
7	1								1
8	3								3
9	1								1
10	5								5
11	4								4
12	5								5
13	3	3							6
14	2	19							21
15	1	66							67
16		125							125
17		80							80
18		36							36
19		27							27
20		16							16
21		12							12
22		5							5
23		4							4
24		2							2
25		3							3
26		2							2
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38				1					1
39				6			3		9
40				1			8		9
41				3			9		12
42				3			7		10
43				5			13		18
44				4			8		12
45				4			8		12
46				2			1		3
47				2			3		5
48									
49							2		2
50							1		1
TOTALS	26	400	0	31	0	0	63	0	520

TABLE 430

CERATOSCOPELUS MADERENSIS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
8	1								1
9									
10	1								1
11	2	1							3
12	1								1
13	1	1							2
14	1	2							3
15	2	8							10
16		15							15
17		40							40
18		48						1	49
19		48						1	49
20		41						1	42
21		28							28
22		24							24
23		17						2	19
24		6							6
25									
26		2							2
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42							1		1
43									
44				1					1
45							1		1
46									
47				1					1
48									
49									
50									
51							1		1
52									
53				1			1		2
54									
55									
56									
57									
58				1			1		2
59									
60									
61							1		1
62									
63									
64									
65									
66									
67									
68							1		1
TOTALS	9	285	0	4	0	0	7	5	310

TABLE 431

CERATOSCOPELUS MADERENSIS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
12	2								2
13	1								1
14	2	2							4
15	2	7							9
16	1	20							21
17		44							44
18		42							42
19		30							30
20		21							21
21		25							25
22		27							27
23		23							23
24		14							14
25		5							5
26		4							4
27		1				1			2
28		2				1		1	4
29						1		1	2
30			1						1
47				1					1
48									
49				1					1
50				1					1
51									
52									
53									
54									
55									
56									
57									
58							1		1
TOTALS	8	267	1	3	0	3	1	2	285

TABLE 432

CERATOSCOPELUS MADERENSIS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
18		5							5
19		5							5
20		4							4
TOTALS	0	14	0	0	0	0	0	0	14

TABLE 433

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
13	1								1
14									
15									
16									
17									
18		1							1
19		5							5
20		11							11
21		13							13
22		12							12
23		6							6
24		3							3
25		2							2
26		3							3
27		1							1
28			1						1
29			1						1
30									
31									
32									
33									
34						1			1
35									
36									
37									
38									
39									
40									
41									
42							1		1
43									
44									
45							1		1
46									
47									
48									
49									
50				1					1
51				1					1
52									
53									
54									
55									
56				1					1
TOTALS	1	57	2	3	0	1	2	0	66

TABLE 434

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF														
25								1.1	0.0	8.5	0.0	2.8	2	12
50								1.0	0.0	8.0	0.0	0.0	1	8
75								1.0	4.0	0.0	0.0	10.0	1	14
100														
125														
150	3.0	0.0	0.3	0.0	0.0	3	1	3.0	0.7	0.0	0.0	3.3	3	12
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.5	0.0	0.0	2	1	3.0	1.0	0.0	0.0	0.0	3	3
275														
300														
325														
350														
375	3.0	0.3	0.0	0.0	0.0	3	1							
400								3.0	0.3	0.0	0.0	0.0	3	1
425														
450														
475														
500	2.0	0.0	0.5	0.0	0.5	2	2							
525														
550														
575														
600														
625														
650														
675														
700	3.0	1.3	103.7	0.0	0.0	3	317	3.0	1.3	11.0	0.0	0.0	3	37
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.3	0.0	0.0	2.0	3	7							
975														
1000														

ABLE 435

ERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

EPTH M	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY NUMBER PER HOUR JUVENILE	DAY NUMBER PER HOUR SUBADULT	DAY NUMBER PER HOUR ADULT	DAY NUMBER OF SAMP.	DAY NUMBER OF INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT NUMBER PER HOUR JUVENILE	NIGHT NUMBER PER HOUR SUBADULT	NIGHT NUMBER PER HOUR ADULT	NIGHT NUMBER OF SAMP.	NIGHT NUMBER OF INDIV.
URF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.5	93.6	0.0	0.0	3	132
50								2.0	0.5	8.0	0.0	4.5	1	26
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.7	2.3	0.0	0.3	3	10
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	1.0	0.0	0.0	1	1
625														
650														
675														
700														
725														
750														
775														
800	2.0	1.5	18.0	0.0	0.5	1	40	3.0	0.0	3.3	0.0	0.0	3	10
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

ABLE 436

ERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

EPTH M	DAY TOTAL HOURS	DAY NUMBER PER HOUR POSTLARVA	DAY NUMBER PER HOUR JUVENILE	DAY NUMBER PER HOUR SUBADULT	DAY NUMBER PER HOUR ADULT	DAY NUMBER OF SAMP.	DAY NUMBER OF INDIV.	NIGHT TOTAL HOURS	NIGHT NUMBER PER HOUR POSTLARVA	NIGHT NUMBER PER HOUR JUVENILE	NIGHT NUMBER PER HOUR SUBADULT	NIGHT NUMBER PER HOUR ADULT	NIGHT NUMBER OF SAMP.	NIGHT NUMBER OF INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	1.8	0.0	2.8	1	5
75														
100	6.0	0.0	0.2	0.0	0.0	6	1	1.0	0.0	1.0	0.0	0.0	1	1
125														
150	2.0	0.0	0.5	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.5	0.0	0.0	6	3	2.0	0.0	0.5	0.0	0.0	2	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.3	0.3	0.0	3	2
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	1.3	0.0	0.0	3	4	3.0	0.0	0.3	0.0	0.0	3	1
625														
650														
675														
700														
725														
750	2.0	0.0	72.0	0.0	0.0	2	144	3.0	2.0	9.1	0.0	0.0	3	34
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	2.7	0.5	0.2	2	9							

BLE 437

RATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
PTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
URF														
25														
50														
75														
100														
125														
150														
175														
200														
225														
250														
275														
300														
325														
350														
375														
400														
425														
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525														
550														
575														
600														
625														
650														
675														
700	1.0	0.0	10.0	0.0	0.0	1	10							
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
000														

ABLE 438

ERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
EPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25														
50								1.0	0.0	8.0	0.0	0.0	1	8
75														
100								1.0	1.0	36.0	3.0	5.0	1	45
125														
150								1.0	0.0	7.0	0.0	0.0	1	7
175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
200														
225														
250	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275														
300														
325								1.0	0.0	0.0	0.0	0.0	1	0
350	1.0	0.0	0.0	0.0	0.0	1	0							
375														
400														
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
450														
475														
500	1.0	0.0	0.0	0.0	0.0	1	0							
525								1.0	0.0	0.0	0.0	0.0	1	0
550														
575														
600														
625														
650														
675	2.0	0.0	0.0	0.0	0.0	2	0							
700														
725														
750														
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000														

TABLE 439

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
9			0.3			
10						
11						
12					0.7	
13					1.3	
14					3.7	0.3
15					19.8	
16					37.4	
17	0.3	0.5			19.6	
18					8.6	
19				0.5	6.3	
20					3.3	
21					1.7	
22					1.0	
23					1.0	
24					0.3	
25					0.3	
40						0.3
41						1.0
42						0.3
43				0.5		
44						
45						
46						0.3
NO./HOUR	0.3	0.5	0.3	1.0	105.0	2.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	1	1	2	317	7
NO. SAMPLES	3	2	3	2	3	3

TABLE 440

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
14							0.5	
15							2.0	
16							3.0	
17							2.5	
18							2.0	
19							2.0	
20							2.5	
21							2.5	
22							2.5	
23							1.5	
24							0.5	
42							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	44	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 441

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
14									0.5	
15									3.0	
16									4.0	0.5
17									10.5	1.0
18				0.3				0.3	11.5	0.7
19								1.0	8.0	
20		0.2							6.5	
21			0.5						7.0	
22									8.5	
23									6.5	
24				0.2					3.0	
25									1.5	0.2
26									1.0	
27										0.5
28				0.2					0.5	0.2
29				0.2						
49										
50										0.2
NO./HOUR	0.0	0.2	0.5	0.8	0.0	0.0	0.0	1.3	72.0	3.4
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	1	5	0	0	0	4	144	9
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 442

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)	
	500	700
18		4.0
19		4.0
20		2.0
NO./HOUR	0.0	10.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	10
NO. SAMPLES	1	1

TABLE 443

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
8			1.0					
9								
10			1.0			0.7	0.3	
11								1.0
12			2.0					0.3
13				0.3				0.3
14				0.3				1.7
15						0.3		2.0
16	1.0							3.3
17	3.5							3.4
18	1.0	3.0						0.3
19	1.0	1.0						
20		1.0						
21		2.0						
22		1.0						
23	1.0							
24								
25								
26	1.0							
39			1.0					
40	1.0			0.3				
41			1.0	0.7				
42				0.7				
43			1.0	0.7				
44			3.0	0.3				
45	0.8		2.0	0.7				
46			1.0					
47	1.0		1.0					
NO./HOUR	11.3	8.0	14.0	4.0	0.0	1.0	0.3	12.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	12	8	14	12	0	3	1	37
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 444

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
8			0.5							
9										
10		0.5								
11					0.3				0.3	
12					0.3					
13									0.3	
14									0.7	
15					0.3				1.0	
16			2.0		0.3			1.0	0.7	
17		5.6	4.0		0.3					
18		15.3	1.5		0.7					
19		22.3			0.3					
20		21.3	0.5		0.3					
21		9.7								
22		11.4								
23		8.1							0.3	
[illegible]										
44			0.5							
45			0.5							
46										
47					0.3					
48										
49										
50										
51			0.5							
52										
53			1.0							
54										
55										
56										
57										
58			1.0							
[illegible]										
61			0.5							
62										
63										
64										
65										
66										
67										
68			0.5							
NO./HOUR	0.0	94.1	13.0	0.0	3.3	0.0	0.0	1.0	3.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	132	26	0	10	0	0	1	10	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 445

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
13										0.3
14										1.0
15										1.0
16									0.3	2.5
17										4.5
18		0.9								1.3
19		0.9								0.3
20										
21			1.0							
22					0.5					
23										
24						0.3				
25										
26										
27										
28						0.3				
[illegible]										
47		0.9								
48										
49		0.9								
50										
51										
52										
53										
54										
55										
56										
57										
58		0.9								
NO./HOUR	0.0	4.6	1.0	0.0	0.5	0.7	0.0	0.0	0.3	11.1
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	5	1	0	1	2	0	0	1	34
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 446

CERATOSCOPELUS MADERENSIS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
13			1.0						
14									
15									
16									
17									
18		1.0							
19		1.0	2.0	1.0					
20		1.0	9.0						
21		2.0	8.0	1.0					
22		3.0	7.0	2.0					
23			2.0	3.0					
24			3.0						
25			2.0						
26			3.0						
27									
28			1.0						
29			1.0						
30									
31									
32									
33									
34			1.0						
35									
36									
37									
38									
39									
40									
41									
42			1.0						
43									
44									
45			1.0						
46									
47									
48									
49									
50			1.0						
51			1.0						
52									
53									
54									
55									
56			1.0						
NO./HOUR	0.0	8.0	45.0	7.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	8	45	7	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

ABLE 447

CTOSCOPELUS KEMPFI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 4

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
23		1							1
24		1							1
25		2							2
26		1							1
27		1							1
28						2		1	3
33									
34						1			1
35									
36						1			1
37									
38									
39									
40			1						1
41									
42									
43			1			1		1	2
44									
45			1						1
46									
47									
48									
49									
50			1						1
51						1			1
52									
53			1						1
54						2			2
55							1		1
56				1					1
57							1		1
58									
59									
60									
61				1					1
TALS		6				7			

TABLE 448

ACTOSCOPELUS KROYERI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MEL 2

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
34		1							1
35		1							1
36						1			1
37		1							1
38						1			2
39									
40						1			1
41								1	1
42						1			1
43						1			1
44						1			1
45									
46									
47						1			1
48						2			2
49						1			1
50						2			2
51						1			1
52						1			1
53									
54									
55									
TOTALS	0	4	1	1	1	14	0	1	19

TABLE 449

ACTOSCOPELUS KROYERI — NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MEL 3

SIZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
43			1						1
44									
45									
46									
47									
48						1			1
49			1						1
50			1						1
51			4						4
52									
53									
54									
55									
56			1						1
57									
58			3			2			5
59			1			1			2
60			1			1			2
61			1						1
62			1						1
63			1						1
64									
65						1			1
66									
67									
68									
69									
70						1			1
71						1			1
95							1		1
96							1		1
TOTALS	0	0	16	0	0	8	2	0	26

ABLE 450

OTOSCOPELUS KROYERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

EPTH M	DAY TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	NIGHT TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
SURF														
25								1.1	0.0	0.0	1.0	0.0	2	1
50								1.0	0.0	0.0	7.0	0.0	1	7
75								1.0	0.0	0.0	0.0	1.0	1	1
100														
125														
150	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.3	3	1
175														
200								1.0	0.0	0.0	0.0	0.0	1	0
225														
250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275														
300														
325														
350														
375	3.0	0.0	0.0	0.0	0.0	3	0							
400								3.0	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	2.0	0.0	0.0	0.0	0.0	2	0							
525														
550														
575														
600														
625														
650														
675														
700	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.3	0.0	0.0	3	1
725														
750														
775														
800														
825														
850														
875														
900														
925														
950	3.0	0.0	0.0	0.0	0.0	3	0							
975														
000														

LE 451

OSCOPELUS KROYERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

TH	DAY TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.	NIGHT TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.	INDIV.
RF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.7	0.0	0.0	3	1
50								2.0	0.0	0.0	7.5	0.0	1	15
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
25														
50	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
75														
00	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	2	0							
25														
50														
75														
00	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
25														
50														
75														
00														
25														
50														
75														
00								1.0	0.0	0.0	0.0	0.0	1	0
25														
50														
75														
00														
25														
50														
75														
00	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
25														
50														
75														
00														
25														
50														
75														
00	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 452

NOTOSCOPELUS KROYERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	3.7	0.0	1	4
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	0
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	1
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.5	2	1
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 453

NOTOSCOPELUS KROYERI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
20								0.3
21								
22								
23								
24								
25								
26								
27								
28		2.0						
29								
30								
31								
32								
33								
34		1.0						
35								
36		1.0						
37								
38								
39								
40								
41								
42								
43	1.0							
44								
45		1.0						
46								
47								
48								
49								
50								
51		1.0						
52								
53		1.0						
54		1.0						
87								
88				0.3				
89								
91			1.0					
NO./HOUR	1.0	8.0	1.0	0.3	0.0	0.0	0.0	0.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	8	1	1	0	0	0	1
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 454

NOTOSCOPELUS KROYERI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
24		0.7								
25										
26										
27										
28										
29										
30										
31										
32										
33										
34			0.5							
35										
36			0.5							
37										
38										
39			0.5							
40			0.5							
41			0.5							
42										
43			0.5							
44			0.5							
45										
46										
47			0.5							
48			1.0							
49			0.5							
50			1.0							
51										
52										
53										
54										
55										
56										
57										
58			0.5							
59			0.5							
NO./HOUR	0.0	0.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	1	15	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 455

NOTOSCOPELUS KROYERI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
56		0.9								
57										
58										
59		1.8								
60										
61		0.9								
81				0.3						
96					0.5					
NO./HOUR	0.0	3.7	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	4	0	1	1	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

ABLE 456

CTOSCOPELUS ELONGATUS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 1

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
36						1			1
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48			1						1
49			1						1
50									
51									
52									
53									
54						1			1
55									
56									
57									
58									
59									
60									
61									
62									
63						1			1
TALS	C	C	2	C		3	C	C	5

ABLE 457

CTOSCOPELUS ELONGATUS NUMBER OF SPECIMENS CAUGHT IN DISCRETE DEPTH SAMPLES FROM MED 2

IZE MM	POSTLARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNDESIGNATED	TOTALS
37			2						2
38									
39									
40									
41									
42						1			1
43									
44									
45									
46									
47						1			1
49			1			1			2
50									
51									
52						1			1
53									
54									
55						1			1
56									
57									
58									
59			1						1
60									
61			1						1
68						1			1
69									
70									
71									
72									
73									
74									
75									
76			1						1
TALS	C	C	6	C	C	6	C	C	12

TABLE 460

NOTOSCOPELUS ELONGATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0	0.0	0.0	0.0	24	0
25								1.5	0.0	0.0	0.0	0.0	3	0
50								2.0	0.0	0.0	2.0	0.0	1	4
75														
100	2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	0.0	1	1
125														
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.3	0.0	3	1
175														
200	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0							
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
425														
450														
475														
500														
525														
550														
575														
600								1.0	0.0	0.0	0.0	0.0	1	0
625														
650														
675														
700														
725														
750														
775														
800	2.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825														
850														
875														
900														
925														
950														
975														
1000	1.0	0.0	0.0	3.0	0.0	1	3	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 461

NOTOSCOPELUS ELONGATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY							NIGHT						
DEPTH M	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.	TOTAL HOURS	NUMBER PER HOUR POSTLARVA	JUVENILE	SUBADULT	ADULT	NUMBER OF SAMP.-	INDIV.
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25														
50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75														
100	6.0	0.0	0.0	0.0	0.0	6	0	1.0	0.0	0.0	1.0	0.0	1	1
125														
150	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175														
200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0
225														
250														
275														
300	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
325														
350														
375														
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	0
425														
450														
475														
500	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
525														
550														
575														
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0
625														
650														
675														
700														
725														
750	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
775														
800														
825														
850														
875														
900														
925														
950														
975														
1000	3.0	0.0	0.0	0.0	0.0	2	0							

TABLE 462

NOTOSCOPELUS ELONGATUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
36				0.5		
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48			0.3			
49				0.5		
50						
51						
52						
53						
54				0.5		
NO./HOUR	0.0	0.0	0.3	1.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	1	3	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 463

NOTOSCOPELUS ELONGATUS — NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
37								2.0
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								1.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	0	3
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 464

NOTOSCOPELUS ELONGATUS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
42				1.0						
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59			1.0							
60										
61										
62										
63										
64										
65					0.3					
66										
67										
68										
69			0.5							
70										
71			0.5							
NO./HOUR	0.0	0.0	2.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	4	1	1	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 465

NOTOSCOPELUS ELONGATUS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
34			1.0							
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 466. ALL SPECIES COMBINED. STATION 1, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)					
	150	235	375	500	700	940
6			0.7			
7	0.3		1.0	1.0		
8			2.3		1.3	
9			0.3		4.6	
10				1.5	2.6	5.3
11			2.7	11.0	4.3	6.7
12		0.5	10.7	33.5	8.3	0.3
13			8.0	28.0	24.5	0.3
14		0.5	5.3	25.0	50.5	0.7
15			9.7	33.5	70.7	2.0
16			13.0	56.5	95.1	5.3
17	0.3	0.5	14.0	51.5	58.3	11.3
18			19.3	56.5	31.0	10.0
19			25.7	75.5	25.4	8.0
20	0.3		25.7	88.5	23.8	8.3
21	0.3		26.0	70.5	20.2	6.7
22	0.3		18.3	66.0	22.3	3.7
23			10.7	42.5	26.3	0.7
24			4.0	23.5	17.9	
25			2.7	10.5	8.3	0.3
26			0.7	3.0	4.3	
27			0.7	2.0	3.0	0.3
28			1.0	1.0	1.7	1.0
29			0.7	4.5	1.6	
30			0.3	1.0	1.3	
31				2.5	1.7	
32				0.5	1.7	0.3
33			0.7	0.5	2.0	
34	0.3			1.0	4.3	0.3
35				0.5	2.0	1.3
36				1.0	3.9	1.3
37				0.5	3.0	
38				1.0	0.3	0.3
39				0.5		
40	0.3	0.5				0.3
41						1.0
42				0.5	0.3	0.3
43				0.5		
44				0.5		
-						
46						0.3
-						
48			0.3			
49				0.5		
50			0.3	0.5		
-						
52			0.3		0.3	
-						
54				0.5		
-						
56			0.3			
57				0.5		
58				0.5		
-						
60					0.3	
61					0.3	
62				1.0		0.3
63				1.0		
64				0.5		
-						
66			0.3			
-						
69	0.3					
70	0.3					
-						
72						0.3
-						
79					0.3	
80					0.3	
-						
85	0.3					
-						
117					0.3	
-						
120	0.3					
-						
133					0.3	
-						
190						0.3
No./Hour	3.7	2.0	205.7	701.0	529.0	77.7
No. Hours	3.0	2.0	3.0	2.0	3.0	3.0
No. Specimens	11	4	617	1402	1596	233
No. Samples	3	2	3	2	3	3

TABLE 467. ALL SPECIES COMBINED. STATION 2, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)							
	Surf	100	150	200	300	400	800	1000
7						0.7		
8					1.0	1.3		
9					1.5	1.0	1.0	
10		2.0	1.0		2.0		19.5	30.0
11		0.5			1.5		18.0	5.0
12					0.5	0.7	1.5	1.0
13					2.5	0.3	4.0	6.0
14			1.0		5.5	0.7	17.0	9.0
15			1.0		11.5	3.3	53.5	10.0
16		0.5			9.5	6.0	103.0	15.0
17					11.5	2.7	111.0	34.0
18					4.0	8.3	109.0	39.0
19			2.0		4.5	18.0	92.5	30.0
20					2.5	18.3	56.0	31.0
21		0.5			2.0	9.3	43.5	11.0
22				0.5	1.5	7.7	22.5	6.0
23		0.5				2.7	14.0	
24						1.7	5.0	2.0
25					0.5	0.7	2.5	2.0
26						1.0	1.0	2.0
27						1.0	2.5	
28		1.0				0.3	1.0	1.0
29						0.3	1.0	
30		0.5				0.3	2.5	
31						0.3	1.0	
32						0.3	1.5	
33							1.0	
34		0.5					0.5	
35							1.5	
36		0.5				0.3	0.5	
37								2.0
38					0.5		2.5	
39		0.5					0.5	2.0
40					0.5		0.5	
41		0.5					0.5	
42 - 44							0.5	
						0.3		
45 - 47							0.5	
								1.0
52		0.5						
53 - 59						0.3		
		0.5						
60 - 63		0.5						
		0.5						
67 - 69					0.5			
								1.0
71 - 74							0.5	
		0.5						
75 - 83					0.5			
								1.0
98 - 114				0.5				
							0.5	
134							0.5	

No./Hour	0.0	10.0	5.0	1.0	64.0	88.0	694.0	241.0
No. Hours	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
No. Specimens	0	20	5	2	128	264	1388	241
No. Samples	2	2	1	2	2	3	1	1

TABLE 468. ALL SPECIES COMBINED. STATION 3, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)									
	50	100	150	200	300	400	500	600	750	1000
6						0.3				
7						0.3	0.3			
8		0.2								
9		0.5							0.5	
10		0.3					1.0	2.3	0.5	
11		0.2		0.2	1.0	0.3	8.7	3.0	0.5	0.2
12		0.8			5.5		48.0	3.7	3.5	0.2
13		0.8			7.5	3.7	46.0	7.3	6.5	3.4
14		0.8			5.0	4.0	39.7	5.3	9.5	3.9
15		0.5	2.5	0.2	6.0	6.3	51.7	17.2	13.0	4.7
16					9.5	2.3	50.3	19.9	11.0	9.3
17		0.3	1.5	0.2	3.5	4.0	46.3	9.2	14.0	10.8
18		0.3	1.5	0.5	6.0	1.0	63.3	15.8	14.0	5.4
19		0.2	1.0	0.2	9.0	1.3	69.7	24.7	11.5	4.9
20		0.2	0.5	0.3	10.5	2.0	53.7	29.7	7.0	4.7
21			1.0	0.2	1.5	1.3	25.3	34.0	11.5	1.5
22			0.5		1.5	0.3	7.0	10.9	8.5	1.5
23		0.2			0.5	0.7	2.0	4.0	7.5	1.2
24				0.2		0.7		0.7	4.5	0.2
25						0.7	1.0	0.3	2.0	0.7
26						0.7	1.0		2.5	0.7
27								0.3	1.0	0.7
28			0.5	0.2		0.3	1.0		1.5	1.0
29				0.2				0.3	1.5	0.5
30		0.2	0.5			0.3		0.3	1.5	
31						0.3		0.3		
32				0.2				0.3	1.5	0.2
33							0.3	0.7	0.5	0.2
34								1.0		
35					0.5					0.5
36							1.3	0.7	0.5	
37							0.3	0.7	0.5	
38								0.3		
39				0.2		0.3	0.3	0.7		0.2
40							0.7	0.7		
41								0.3		
42			0.5				0.3	0.3		
43							0.3		0.5	
44					0.5			0.3	0.5	0.2
45			0.5					0.3		
46								0.3	0.5	
47								0.7		
-										
49				0.3				0.7		
50		0.2					0.3	0.3		0.2
-										
52		0.2								
53		0.2						0.3		
54								0.3		
55			1.0	0.2						
-										
57							0.3	0.7		
58		0.2								
59		0.2								
60								0.3	0.5	0.5
61				0.2					0.5	
62								0.7		
63			0.5				0.3			
-										
65							0.3			
66				0.2						
-										
68								0.3		
69								0.3		
70					0.5					
71				0.2						
72							0.3			
-										
74		0.2								
-										
78								0.3		
-										
89			1.0							
-										
97								0.3	0.5	
-										
100				0.2						
-										
118									0.5	
-										
121				0.2						
-										
124								0.3	0.5	
-										
128										0.2
No./Hour	0.0	6.5	13.0	3.8	68.5	31.3	521.3	201.6	140.5	58.1
No. Hours	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
No. Specimens	0	39	26	23	137	94	1564	610	281	182
No. Samples	2	6	2	6	2	3	3	3	2	2

TABLE 469. ALL SPECIES COMBINED. STATION 4, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m) 500	700
7 - 10	1.0	1.0
11	5.0	
12	23.0	7.0
13	44.0	10.0
14	68.0	8.0
15	51.0	3.0
16	30.0	5.0
17	22.0	5.0
18	27.0	7.0
19	45.0	6.0
20	54.0	6.0
21	43.0	5.0
22	14.0	6.0
23	6.0	8.0
24	4.0	5.0
25	4.0	1.0
26	2.0	2.0
27	1.0	2.0
28		1.0
29 - 37	1.0	1.0
40	1.0	
59	1.0	1.0
No./Hour	447.0	90.0
No. Hours	1.0	1.0
No. Specimens	447	90
No. Samples	1	1

TABLE 470. ALL SPECIES COMBINED. STATION 5, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)					
	160	250	340	410	495	675
8 - 11					1.0	3.0
12						1.0
13	1.0				1.0	3.5
14					2.0	8.0
15					1.0	3.5
16						2.5
17	1.0	1.0				2.5
18					1.0	1.0
19					2.0	2.5
20						8.0
21						5.0
22						3.5
23					1.0	0.5
24 - 29						0.5
38	1.0					0.5
39						0.5
40 - 46						0.5
90 - 98		1.0	1.0			
102						0.5
No./Hour	3.0	2.0	1.0	0.0	9.0	48.0
No. Hours	1.0	1.0	1.0	1.0	1.0	2.0
No. Specimens	3	2	1	0	9	96
No. Samples	1	1	1	1	1	2

TABLE 471. ALL SPECIES COMBINED. STATION 1, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)							
	25	40	70	150	190	235	400	700
5							0.3	
-								
7			1.0			0.3	1.7	
8			2.0	1.3			1.3	0.7
9				0.7		1.3	0.3	2.0
10			3.0	1.0		4.3	0.3	4.0
11						1.0	2.3	2.0
12			3.0	1.0		0.7	18.7	2.9
13			8.0	2.7		2.3	15.3	4.3
14			15.0	1.0		1.7	11.0	12.6
15		1.0	9.0	0.3		1.0	10.3	13.6
16	1.0		8.0	0.3		0.7	12.7	21.4
17	3.5		7.0	0.3		0.7	8.3	18.4
18	4.0	3.0	3.0	0.3		0.3	14.7	14.6
19	2.0	4.0	3.0	0.7			24.0	12.9
20		7.0	3.0			1.7	26.0	6.7
21		4.0	4.0		1.0	1.3	21.0	7.2
22		3.0	7.0			2.3	13.3	4.3
23	1.0	1.0	7.0	0.3		1.3	4.3	8.6
24			4.0			1.3	1.0	3.3
25		1.0	6.0		4.0	1.0	1.3	2.4
26	1.0		13.0			0.3	1.0	0.7
27			8.0	0.3		0.3	0.3	1.3
28		4.0	12.0	0.3	1.0	0.3	0.3	0.3
29		1.0	7.0	2.3				
30	0.8	1.0	5.0	1.0	1.0			0.7
31			5.0	1.0				0.3
32		4.0	3.0	0.7				0.3
33			4.0	1.0		0.3		0.7
34		1.0	4.0	1.7	1.0			0.3
35			3.0	3.3	3.0			1.0
36		3.0	8.0	1.7	5.0			0.3
37		1.0		1.3	1.0			
38			2.0	0.7	1.0			
39		2.0	1.0					
40	1.0	2.0		0.7				
41			1.0	0.7			0.3	
42		2.0		0.7				
43	1.0		1.0	0.7				
44		1.0	4.0	0.3				
45	0.8	1.0	2.0	0.7	1.0	0.3		
46			1.0					
47	1.0		1.0					
-								
50		1.0						0.3
51		1.0						0.3
52				0.3				
53		1.0						
54		1.0						
-								
56								0.3
-								
60							0.3	
61								0.3
-								
64		1.0						
-								
69								0.3
-								
75								0.3
-								
82					1.0			
-								
84							0.3	
-								
86					1.0			0.3
87				0.3				
-								
91			1.0					
-								
125								0.3
-								
169								0.3
No./Hour	17.1	52.0	179.0	29.7	21.0	25.0	191.0	150.9
No. Hours	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
No. Specimens	18	52	179	89	21	75	573	456
No. Samples	2	1	1	3	1	3	3	3

TABLE 472. ALL SPECIES COMBINED. STATION 2, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

SIZE mm	Depths Sampled (m)									
	Surf	12	45	100	150	200	400	600	800	1000
6			0.5							
7			1.5				2.5			
8			4.0				5.4			
9		2.3	6.5		0.7	0.3	1.0		1.3	
10		2.2	7.0	1.0		1.7		9.0	15.6	0.3
11		0.7	3.5		0.7	0.7	0.5	30.0	8.0	0.7
12		2.1	2.5		0.7	0.3	0.5	14.0	4.0	
13		3.2	3.5				0.5	7.0	4.6	0.7
14		7.0	3.0				2.5	14.0	9.3	1.7
15		10.0	10.5	1.0	1.7	2.0	1.5	28.0	22.6	5.0
16	0.2	17.1	15.0		1.3	3.3	1.0	41.0	35.3	13.0
17	0.2	28.8	16.5		2.0	6.3	1.0	14.0	35.6	18.3
18	0.3	40.7	21.0	1.0	2.3	4.0	1.9	19.0	37.3	22.3
19	0.3	45.0	16.0	2.0	2.0		2.0	37.0	31.3	29.7
20	0.2	38.6	12.5	3.0	0.3	1.3	5.4	89.0	16.6	16.3
21	0.2	20.6	4.5	6.0	1.0	0.7	2.0	96.0	8.0	8.3
22	0.3	19.9	7.0	5.0			1.0	96.0	4.0	3.0
23	0.08	9.5	3.5	7.0	0.3	0.3	0.5	71.0	2.0	2.0
24	0.08	0.7	2.0	3.0	0.3	2.0	1.4	26.0	1.0	0.7
25	0.08	0.7	3.0	4.0			4.4	5.0	0.7	1.3
26			1.5		0.7		1.0	1.0	0.7	
27			1.5			0.3			0.3	0.3
28		0.5	2.0		0.3				0.7	
29		1.2	4.0	1.0	0.7	0.3	0.5			
30	0.2	0.9	1.5	3.0		0.3				0.7
31	0.2	1.2	1.0	1.0	0.3			1.0		
32	0.4	0.7	3.5	4.0	0.7	0.3				
33	0.4	0.5	1.5	3.0	0.3					
34	0.3	1.4	3.0	1.0					0.7	
35	0.4		2.0	3.0			0.5			
36	0.1	1.6	2.5	2.0						0.3
37	0.4		1.5	1.0				1.0		
38	0.3		0.5	1.0						
39	0.4		2.0			0.7				
40	0.3		1.0			0.3	0.5			
41	0.2	1.4	1.5	1.0						
42	0.08		1.0	1.0						
43	0.4		0.5			0.7				
44	0.2	0.7	1.5	1.0			0.5			
45	0.08		0.5							
46	0.3		1.0							
47	0.3		2.0		0.3	0.3			0.7	
48	0.3		1.0		0.3					
49	0.4		0.5		0.3					
50	0.4		1.0							
51	0.6		2.0							
52	0.3							1.0		
53	0.2		1.0						0.3	
54	0.3									
55	0.3		0.5							
56	0.2	0.5							0.3	
57	0.2		0.5							
58	0.2		1.5							
59	0.3		2.0							
60	0.08									
61	0.08		1.0							
62	0.4		0.5							
63	0.08								0.3	
64	0.1		0.5							
65	0.2		0.5		0.3					
-										
67	0.08								0.3	
68			0.5							
69	0.08		1.0						0.3	
70										0.3
71			0.5							
-										
73									0.3	
-										
75	0.08									
-										
77	0.2									
78	0.08									
81			0.5							
82	0.2									
-										
84	0.08					0.3				
-										
87							0.5			
-										
90										0.3
-										
96	0.08									
-										
101										0.3
102			0.5							
-										
104			0.5							
105					0.3					
-										
108										0.3
-										
114	0.08									
-										
119			0.5							
-										
126										0.3
-										
178									0.3	
No./Hour	12.0	259.6	197.0	56.0	17.9	26.7	38.1	600.0	242.5	126.3
No. Hours	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
No. Specimens	140	391	394	56	54	80	78	600	729	379
No. Samples	24	3	1	1	3	3	2	1	3	3

TABLE 473. ALL SPECIES COMBINED. STATION 3, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size mm	Depths Sampled (m)									
	Surf	50	100	150	200	300	400	500	600	750
7							1.7			
8							1.7			
9					0.5		1.9			0.3
10							0.3		0.7	0.7
11					0.5		0.7	3.7	0.7	1.7
12			1.0		0.5	1.3	0.7	20.3	3.0	4.0
13			3.0		0.5	3.3	1.3	21.0	2.7	10.7
14		0.9	2.0		1.0	3.0	2.6	21.3	4.7	10.7
15		1.8			1.5	0.3	3.6	28.7	8.3	9.3
16		0.9	2.0	0.3	2.0	0.3	2.3	33.0	14.7	10.4
17		2.8	3.0		2.5	0.3	1.3	43.3	6.3	14.6
18	0.03	1.8	5.0	1.0	3.5	0.3	2.3	54.7	13.0	3.3
19	0.03	7.4	5.0		2.5	1.3	0.7	52.0	26.0	5.0
20	0.03	4.6			1.5	0.3	1.0	41.3	28.0	3.3
21	0.03	3.7	2.0		3.5	1.0	0.3	13.3	30.3	2.7
22	0.03	4.6	2.0		0.5			4.3	14.0	0.6
23	0.03	0.9	1.0	0.3	0.5	2.3	0.6	0.7	2.0	
24		1.8	1.0			0.7		1.3	0.3	
25	0.2		1.0		1.0	0.3	0.3		0.3	0.6
26	0.07		2.0				0.3	0.3		
27	0.06		1.0	0.3		0.7	0.3	0.7	0.7	
28	0.1	1.8	1.0	0.3	0.5	0.7	0.3	0.3	1.3	0.4
29	0.2	0.9	4.0			0.3	0.3	0.3		0.6
30	0.1					0.3			0.3	0.3
31	0.03		2.0	0.3	0.5			0.3	0.3	0.3
32	0.03	0.9	2.0	0.7					1.3	0.3
33	0.1		2.0	0.7			0.3			
34	0.1	0.9	1.0	0.7						
35	0.2			1.0						
36	0.10			0.3						
37	0.07	0.9	1.0	0.3				0.3	0.3	
38	0.1			0.3						
39	0.1	0.9	1.0							
40	0.1							0.3		0.3
41	0.2									
42	0.07						0.3			
43	0.07		1.0							
44	0.03									
45				0.3				0.7	0.3	0.6
46	0.03							0.3		
47	0.03	0.9							0.3	
49		0.9								
51										0.3
53	0.04			0.3					0.3	
54						0.7				
56		0.9					0.6			
57						0.3	0.3			
58	0.03	0.9				0.3	0.3			
59		1.8					0.3			
61		0.9			0.5	0.7	0.3			
62			1.0							
63					0.5	0.3				
69				0.3		0.3			0.3	
70						0.3		0.7		
74							0.3			
76								0.3	0.3	
78		0.9								
79			1.0				0.3			
81				0.3						0.4
95				0.3						
96					0.5					0.3
129										0.3
520			1.0							
No./Hour	2.5	45.2	49.0	8.3	24.5	20.0	27.9	343.7	161.0	82.3
No. Hours	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
No. Specimens	76	49	49	25	49	60	85	1031	483	248
No. Samples	58	1	1	3	2	3	3	3	3	3

TABLE 474. ALL SPECIES COMBINED. STATION 5, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size	Depths Sampled (m)								
mm	Surf	50	80	135	155	250	325	425	510
6								3.0	
7								5.0	1.0
8								3.0	
-									
10			1.0					1.0	
11								1.0	
12			1.0		2.0			1.0	2.0
13			2.0	2.0	3.0	1.0		12.0	11.0
14			1.0	1.0	3.0	2.0		29.0	18.0
15			5.0			2.0		28.0	20.0
16	1.1	1.0	1.0	1.0	1.0			26.0	13.0
17	9.0				1.0			9.0	15.0
18	7.1	1.0	3.0		1.0		1.0	3.0	7.0
19	6.4	1.0	7.0	2.0	1.0			4.0	7.0
20	8.1	1.0	10.0					1.0	2.0
21	6.5	3.0	9.0	1.0					2.0
22	4.0	3.0	8.0	2.0		1.0			1.0
23	1.6	1.0	3.0	3.0				1.0	
24	1.2		5.0		1.0			1.0	
25	0.5		2.0				1.0		
26	0.8		3.0						1.0
27	0.1		2.0				1.0		
28	0.5		2.0						
29	0.4		1.0						
30	0.3								1.0
31	0.3		1.0						
32	0.1		2.0	1.0					
33	0.1		2.0		1.0				
34	0.09		1.0					1.0	
35	0.1			1.0					
36	0.3			1.0					
37	0.3			1.0					
-									
39	0.1		1.0						
40				1.0					
-									
42			1.0						
-									
45		1.0	1.0	1.0					
46			1.0						
-									
50			1.0						
51			1.0						
56			1.0		1.0				
-									
58								1.0	
-									
60									1.0
-									
74									1.0
-									
89		1.0							
90		1.0							
-									
153							1.0		
No./Hours	49.0	14.0	79.0	18.0	15.0	6.0	4.0	130.0	103.0
No. Hours	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
No. Specimens	393	14	79	18	15	6	4	130	103
No. Samples	15	1	1	1	1	1	1	1	1

APPENDIX 4

Tables 475 - 613

Swimbladder Data
for Individual Species

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The tables in this appendix are supplemental to the data analyzed in Part 4 of the Text. Each table presents catch rate as a function of depth of capture and volume of swimbladder. For each species with sufficient data, tabulations for day captures are followed by those for night; within each diel period, the tables are arranged numerically by station. Methods for calculating swimbladder volume are described in the Materials and Methods section of Part 4 of the Text, and for calculating catch rate in the Materials and Methods section of Part 3 of the Text.

TABLE 475

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
1			181.7	484.5	96.2	
NO./HOUR	0.0	0.0	181.7	484.5	96.2	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	545	969	289	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 476

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	500	1000
1					6.0	71.3	96.5	9.0
NO./HOUR	0.0	0.0	0.0	0.0	6.0	71.3	96.5	9.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	12	214	193	9
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 477

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1					61.0	20.0	499.0	149.3	11.0	0.5
NO./HOUR	0.0	0.0	0.0	0.0	61.0	20.0	499.0	149.3	11.0	0.5
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	122	60	1497	452	22	1
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 478

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	367.0	18.0
NO./HOUR	367.0	18.0
NO. HOURS	1.0	1.0
NO. SPEC.	367	18
NO. SAMPLES	1	1

TABLE 479

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1					7.0	22.5
NO./HOUR	0.0	0.0	0.0	0.0	7.0	22.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	7	45
NO. SAMPLES	1	1	1	1	1	2

TABLE 480

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1						1.0	178.7	34.4
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	178.7	34.4
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	3	536	104
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 481

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1							11.2	564.0	11.7	4.7
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	11.2	564.0	11.7	4.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	23	564	35	14
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 482

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1						0.3	12.8	332.7	145.0	12.6
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.3	12.8	332.7	145.0	12.6
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	1	39	998	435	38
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 483

CYCLOTHONE BRAUERI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
1								107.0	93.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.0	93.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	0	0	0	0	107	93
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 484

CYCLOTHONE PYGMAEA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
1					228.1	55.3
NO./HOUR	0.0	0.0	0.0	0.0	228.1	55.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	688	166
NO. SAMPLES	3	2	3	2	3	3

TABLE 485

CYCLOTHONE PYGMAEA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
1							500.0	163.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	500.0	163.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	1000	163
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 486

CYCLOTHONE PYGMAEA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1								10.3	39.0	43.4
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	39.0	43.4
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	31	78	139
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 487

CYCLOTHONE PYGMAEA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	42.0	22.0
NO./HOUR	42.0	22.0
NO. HOURS	1.0	1.0
NO. SPEC.	42	22
NO. SAMPLES	1	1

TABLE 488

CYCLOTHONE PYGMAEA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1						18.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	18.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	36
NO. SAMPLES	1	1	1	1	1	2

TABLE 489

CYCLOTHONE PYGMAEA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1								81.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	245
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 490

CYCLOTHONE PYGMAEA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1								23.0	180.7	115.7
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	180.7	115.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	23	543	347
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 491

CYCLOTHONE PYGMAEA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1									3.0	47.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	47.0
NO. HOURS	25.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	0	9	141
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 492

GONOSTOMA DENUDATUM — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1							0.3			
2							0.3			
3							0.3			
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21							0.3			
22										
[redacted]										
86								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	4	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

E 493

STOMA DENUDATUM — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
GHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
A

	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
				0.3						
HOUR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	0	0	1	0	0	0	0	0	0
SAMPLES	58	1	1	3	2	3	3	3	3	3

E 494

COCCUS OVATUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

E
C

	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
						0.3		
						0.3		
OUR	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
OURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
PEC.	0	0	0	0	0	2	0	0
AMPLES	2	2	1	2	2	3	1	1

TABLE 495

ICHTHYOCOCCUS OVATUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MSD 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM — DEPTHS SAMPLED (M)

	50	100	150	200	300	400	500	600	750	1000
1							0.3		0.5	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12						0.3				
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32						0.3				
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	2	1	0	1	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

LE 496

THYOCOCCUS OVATUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
IGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
								1.0		
				0.3						
/HOUR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	0	0	1	0	0	0	3	0	0
SAMPLES	58	1	1	3	2	3	3	3	3	3

LE 497

CIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
AY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
		0.5	0.7	5.0		
/HOUR	0.0	0.5	0.7	5.0	0.0	0.0
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	0	1	2	10	0	0
SAMPLES	3	2	3	2	3	3

LE 498

CIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
AY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
		0.5			44.0	3.7	2.0	
						0.3		
		0.5				0.3		
						0.3		
/HOUR	0.0	1.0	0.0	0.0	44.0	4.7	2.0	0.0
HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
SPEC.	0	2	0	0	88	14	4	0
SAMPLES	2	2	1	2	2	3	1	1

TABLE 499

VINCIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1		2.6			4.5	5.7	5.0	4.3		
2						0.3	0.3			
NO./HOUR	0.0	2.6	0.0	0.0	4.5	6.0	5.3	4.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	17	0	0	9	18	16	13	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 500

VINCIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	7.0	
NO./HOUR	7.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	7	0
NO. SAMPLES	1	1

TABLE 501

VINCIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1	1.0				1.0	
NO./HOUR	1.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	1	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 502

VINCIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1			1.0	0.3		1.0	2.7	
2								
3								
4						0.3		
NO./HOUR	0.0	0.0	1.0	0.3	0.0	1.3	2.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	1	1	0	4	8	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 503

VINCIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1			15.0	1.0	5.0	17.0	7.4	5.0	0.3	
2				1.0	0.3					
3			0.5	1.0	0.7	0.7				
4				2.0	0.7	0.3				
5										
6				1.0						
NO./HOUR	0.0	0.0	15.5	6.0	6.6	18.0	7.4	5.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	31	6	20	54	15	5	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 504

VINCIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1		5.5	2.0	1.3	2.0	8.7	2.0	3.0	3.0	
2				0.3		0.3				
3										
4				0.7						
NO./HOUR	0.0	5.5	2.0	2.3	2.0	9.0	2.0	3.0	3.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	6	2	7	4	27	6	9	9	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 505

VINCIGUERRIA ATTENUATA — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
1			3.0		2.0	6.0		4.0	3.0
NO./HOUR	0.0	0.0	3.0	0.0	2.0	6.0	0.0	4.0	3.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	3	0	2	6	0	4	3
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 506

VINCIGUERRIA POWERIAE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1		0.7					4.7			
2										
3				0.2						
NO./HOUR	0.0	0.7	0.0	0.2	0.0	0.0	4.7	0.0	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	4	0	1	0	0	14	0	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 507

VINCIGUERRIA POWERIAE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	6.0	
NO./HOUR	6.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	6	0
NO. SAMPLES	1	1

TABLE 508

VINCIGUERRIA POWERIAE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1		1.0				
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	1	0	0	0	0
NO. SAMPLES	1	1	1	1	1	2

TABLE 509

VINCIGUERRIA POWERIAE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1		1.8				0.7			2.0	
2		2.8								
3		4.6								
4		0.9								
5		0.9								
6										
7			1.0							
8										
9										
10										
11										
12										
13		0.9								
NO./HOUR	0.0	12.0	1.0	0.0	0.0	0.7	0.0	0.0	2.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	13	1	0	0	2	0	0	6	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 510

VINCIGUERRIA POWERIAE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
1			7.0		2.0			1.0	
NO./HOUR	0.0	0.0	7.0	0.0	2.0	0.0	0.0	1.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	7	0	2	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 511

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
7			4.0	1.0		
8			0.3			
9						
10			0.7			
11			1.0	0.5		
12	0.3		3.0	0.5	0.7	
13			1.7			
14			1.0	1.0		
15			0.7			
NO./HOUR	0.3	0.0	12.3	3.0	0.7	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	37	6	2	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 512

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
7					1.0	2.0		
8					3.0	1.0	0.5	
9						0.3		
10			1.0					
11						0.3		
12						0.7		
13						2.3		
14						2.0		
15						0.3		
16						0.3		
NO./HOUR	0.0	0.0	1.0	0.0	4.0	9.3	0.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	1	0	8	28	1	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 513

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
7						0.7	0.3			
8					0.5		0.7			
9										
10						1.0				
11										
12					0.5		0.7			
13						0.7	0.7			
14						1.3	1.0			
15							0.3	0.3		
NO./HOUR	0.0	0.0	0.0	0.0	1.0	3.7	3.7	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	2	11	11	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

ABLE 514

RGYROPELECUS HEMIGYMNUS NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

CLUME CUBIC MM	DEPTHS SAMPLED (M) 500	700
7		1.0
8		
9		1.0
./HOUR	0.0	2.0
. HOURS	1.0	1.0
. SPEC.	0	2
. SAMPLES	1	1

BLE 515

GYROPELECUS HEMIGYMNUS NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

LUME UBIC MM	DEPTHS SAMPLED (M) 160	250	340	410	495	675
7					1.0	
./HOUR	0.0	0.0	0.0	0.0	1.0	0.0
. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
. SPEC.	0	0	0	0	1	0
. SAMPLES	1	1	1	1	1	2

BLE 516

GYROPELECUS HEMIGYMNUS NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

LUME UBIC MM	DEPTHS SAMPLED (M) 25	40	70	150	190	235	400	700
6							0.3	
7							3.0	
8						0.3		
9							0.3	
0						1.0	0.3	
1						1.7		
2						3.0		
3			1.0			2.0	1.0	0.3
4				0.3	2.0	1.0	1.7	
5							0.3	
./HOUR	0.0	0.0	1.0	0.3	2.0	9.0	7.0	0.3
. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
. SPEC.	0	0	1	1	2	27	21	1
. SAMPLES	2	1	1	3	1	3	3	3

TABLE 517

ARGYROPELECUS HEMIGYMNUS NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
7							7.8			
8							1.5			
9							0.5			
10										
11										0.3
12						0.3	0.5			
13						1.0	1.4			
14							5.4			0.3
15							0.5			
16										
17										
18										
19										
20										
21	0.08									
NO./HOUR	0.1	0.0	0.0	0.0	0.0	1.3	17.5	0.0	0.0	0.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	1	0	0	0	0	4	36	0	0	2
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 518

ARGYROPELECUS HEMIGYMNUS NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
7							3.3			
8							2.9	0.7	0.3	
9						0.3	1.0			
10						0.3				
11						0.7	0.6	0.3		
12						0.3				
13						1.7	0.3	1.0		
14					0.5	0.7	0.7	0.7		
15							0.7	0.7	1.0	
16									0.3	
17									1.3	
NO./HOUR	0.0	0.0	0.0	0.0	0.5	4.0	9.5	3.3	3.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	1	12	29	10	9	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 519

ARGYROPELECUS HEMIGYMNUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
7								11.0	1.0
8								1.0	
9									1.0
10								1.0	1.0
11									
12									
13								1.0	
14							2.0		1.0
15									
16									
17					1.0				
18								1.0	
19				1.0					
NO./HOUR	0.0	0.0	0.0	1.0	1.0	0.0	2.0	15.0	4.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	1	1	0	2	15	4
NO. SAMPLES	15	1	1	1	1	1	1	1	1

E 520

TRONA RISSOI

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
	0.3				2.3	
HOUR	0.3	0.0	0.0	0.0	2.3	0.0
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	1	0	0	0	7	0
SAMPLES	3	2	3	2	3	3

E 521

TRONA RISSOI

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
				0.2					1.0	
HOUR	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.0	0.0
HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
SPEC.	0	0	0	1	0	0	0	0	2	0
SAMPLES	2	6	2	6	2	3	3	3	2	2

E 522

TRONA RISSOI

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
								1.0
HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
SPEC.	0	0	0	0	0	0	0	3
SAMPLES	2	1	1	3	1	3	3	3

TABLE 523

ELECTRONA RISSOI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1					0.3	3.0				
2						1.0				
3										
4										
5										
6										
7										
8										
9										
10										
[redacted]										
54							0.5			
NO./HOUR	C.C	C.C	C.C	0.0	0.3	4.0	0.5	0.0	C.C	0.0
NO. HOURS	11.9	1.5	2.C	1.0	3.0	3.0	2.1	1.0	3.C	3.0
NO. SPEC.	0	C	C	0	1	12	1	C	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 524

ELECTRONA RISSOI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1										0.3
2										
3					0.5					
4					0.5					
5					0.5					
6										
7										
8					0.5					
9										
10					0.5					
11										
12										
13										
14										
15										
16					0.5					
17										
18										
19										
20										
21										
22					0.5					
23										
63							0.3			
64										
65										
66										
67										
68										
69										
70										
71										
72										
73										
74										
75										
76										
77										
78										
79										
80								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	3.5	0.0	0.3	0.3	0.0	0.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	0	7	0	1	1	0	1
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

ABLE 525

YGOPHUM HYGOMI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

LUME
UBIC
MM

	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
4					0.3	
./HOUR	C.C	0.C	C.C	C.C	0.3	0.0
. HOURS	3.0	2.C	3.C	2.C	3.0	3.0
. SPEC.	0	C	0	0	1	0
. SAMPLES	3	2	3	2	3	3

BLE 526

GOPHUM HYGOMI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

LUME
UBIC
MM

	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
8								0.3		
9									0.5	
0										
1								0.3		
2										
3										
4										
5										
6										
7										
8								0.3		
9										
0										
1										
2										
3										
4								0.3		
/HOUR	C.C	C.C	0.C	0.C	0.0	0.0	0.0	1.2	0.5	0.0
HOURS	2.0	6.C	2.C	6.C	2.0	3.0	3.0	3.0	2.0	3.0
SPEC.	0	C	C	0	0	0	0	4	1	C
SAMPLES	2	6	2	6	2	3	3	3	2	2

LE 527

CPHUM HYGOMI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
AY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

	DEPTHS SAMPLED (M)	
	500	700
		1.C
/HOUR	C.C	1.C
HOURS	1.0	1.C
SPEC.	0	1
SAMPLES	1	1

BLE 528

GOPHUM HYGOMI
DAY

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

LUME
UBIC
MM

	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
						0.5
						0.5
						0.5
/HOUR	0.0	0.0	0.0	0.0	0.0	1.5
HOURS	1.0	1.0	1.0	1.0	1.0	2.0
SPEC.	0	0	0	0	0	3
SAMPLES	1	1	1	1	1	2

BLE 529

GOPHUM HYGOMI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

LUME
UBIC
MM

	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
			1.0			0.7		
		1.0						
			1.0					
/HOUR	0.0	1.0	2.0	0.0	0.0	0.7	0.0	0.0
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
SPEC.	0	1	2	0	0	2	0	0
SAMPLES	2	1	1	3	1	3	3	3

LE 530

OPHUM HYGOMI
IGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
	0.03									
	0.03									
HOUR	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	2	0	0	0	0	0	0	0	0	0
SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 531

MYGOPHUM MYGOMI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
1	0.1								
2									
3									
4									
5									
6									
7									
8	0.1								
9									
10									
11									
12									
13									
14									
15									
16									
17									
18		1.0							
19			1.0						
NO./HOUR	0.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	2	1	1	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 532

HYGOPHUM BENOITI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
1		0.5		0.5	13.5	12.0
2					2.0	
3					0.7	
4					0.3	
5						
6				0.5		
NO./HOUR	0.0	0.5	0.0	1.0	16.5	12.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	0	2	50	36
NO. SAMPLES	3	2	3	2	3	3

TABLE 533

MYCTOPHUM BENOITI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
1		1.5			2.5		42.0	50.0
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23							1.5	
NO./HOUR	0.0	1.5	0.0	0.0	2.5	0.0	42.5	50.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	3	0	0	5	0	85	50
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 534

MYCTOPHUM BENOITI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1										0.5
2										
3										
4										
5										
6										
7										
8										
9									0.5	
10										0.2
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.5	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	0	1	2
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 535

MYCTOPHUM BENOITI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1		12.0
2		3.0
3		3.0
4		1.0
5		
6		
7		
8	1.0	1.0
9		
10		1.0
NO./HOUR	1.0	21.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	21
NO. SAMPLES	1	1

TABLE 536

MYGOPHUM BENOITI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1			1.0	3.7		8.7	0.3	5.6
2				0.3				0.3
3		1.0						
4								
5		1.0						
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29		1.0						
30								
31								
32								
33								
34								
35								
36								
37		1.0						
C./HOUR	0.0	4.0	1.0	4.0	0.0	8.7	0.3	6.0
C. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
C. SPEC.	0	4	1	12	0	26	1	18
C. SAMPLES	2	1	1	3	1	3	3	3

TABLE 537

HYGOPHUM BENOITI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1		5.3	6.5	1.0					36.9	1.0
2										
3										
4										
5										
6										
7										0.3
[redacted]										
40										
41										
42										
43			0.5							
NO./HOUR	0.0	5.3	7.0	1.0	0.0	0.0	0.0	0.0	36.9	1.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	8	14	1	0	0	0	0	111	4
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 538

MYGOPHUM BENOITI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1						0.3				1.3
2										0.4
3										0.7
4						0.3				
5		0.9				0.3				
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21				0.3						
NO./HOUR	0.0	0.9	0.0	0.3	0.0	1.0	0.0	0.0	0.0	2.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	0	1	0	3	0	0	0	7
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 539

BENTHOSEMA GLACIALE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	225	375	500	700	940
1			0.7	131.0	8.9	
2				37.0	9.5	
3					5.3	
4					0.3	
NO./HOUR	0.0	0.0	0.7	168.0	24.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	2	336	73	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 540

BENTHOSEMA GLACIALE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
1							1.0	
2		0.5					3.5	
3		0.5					3.0	
4							1.0	
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	8.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	17	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 541

BENTHOSEMA GLACIALE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1								1.0		
2								1.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	7	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 542

BENTHOSEMA GLACIALE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
2		2.0
NO./HOUR	0.0	2.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	2
NO. SAMPLES	1	1

TABLE 543

BENTHOSEMA GLACIALE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1	2.0	1.0	44.0	1.0		1.0		2.6
2			3.0		1.0			2.0
3			3.0	0.7				2.0
4								1.3
NO./HOUR	2.0	1.0	50.0	1.7	1.0	1.0	0.0	8.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	2	1	50	5	1	3	0	24
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 544

BENTHOSEMA GLACIALE — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1		1.1	54.0	2.0	2.3	0.3		2.0		
2			17.5	3.0				1.0	0.7	
3			10.0	3.0						
4			3.0							
5				1.0						
NO./HOUR	0.0	1.1	84.5	9.0	2.3	0.3	0.0	3.0	0.7	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	2	169	9	7	1	0	3	2	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

LE 545

THOSEMA GLACIALE
IGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

DEPTHS SAMPLED (M)

	SURF	50	100	150	200	300	400	500	600	750
		6.5 4.6							0.3	0.4
/HOUR	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
SPEC.	0	12	0	0	0	0	0	0	1	1
SAMPLES	58	1	1	3	2	3	3	3	3	3

E 546

CPHUM PUNCTATUM
Y

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
M

DEPTHS SAMPLED (M)

	150	225	375	500	700	940
					5.3	0.3
	0.3				1.6	
HOUR	0.3	0.0	0.0	0.0	7.0	0.3
HOURS	3.0	2.0	3.0	2.0	3.0	3.0
SPEC.	1	0	0	0	21	1
SAMPLES	3	2	3	2	3	3

E 547

CPHUM PUNCTATUM
Y

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
M

DEPTHS SAMPLED (M)

	SURF	100	150	200	300	400	800	1000
							1.0	
HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
SPEC.	0	0	0	0	0	0	2	0
SAMPLES	2	2	1	2	2	3	1	1

TABLE 548

MYCTOPHUM PUNCTATUM — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
3		0.2								0.2
4									1.0	0.5
NO./HOUR	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	0	0	0	0	0	0	2	3
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 549

MYCTOPHUM PUNCTATUM — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
3		12.0	1.0	2.0				1.3
4	0.8	15.0	2.0		2.0			
5		1.0						
NO./HOUR	0.8	28.0	3.0	2.0	2.0	0.0	0.0	1.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	28	3	6	2	0	0	4
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 550

MYCTOPHUM PUNCTATUM — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
3	1.4	0.7	3.0							
4	3.4	0.7	2.0						0.3	
5	4.0		1.0		0.3					
6	1.2									
NO./HOUR	10.0	1.3	6.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	116	2	12	0	1	0	0	0	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 551

MYCTOPHUM PUNCTATUM — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
3	0.2									
4	1.8		1.0	0.3						
5	0.4									
NO./HOUR	2.3	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	70	0	1	1	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 552

SYMBOLOPHORUS VERANYI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
2					1.0	
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.
NO. HOURS	3.0	2.0	3.0	2.0	3.	3.
NO. SPEC.	0	0	0	0	3	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 553

SYMBOLOPHORUS VERANYI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
2							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	1	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 554

SYMBOLOPHORUS VERANYI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1		0.7								
NO./HOUR	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	1.7	3.0	3.0	2.0	3.0
NO. SPEC.	0	4	0	0	0	0	0	0	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 555

SYMBOLOPHORUS VERANYI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
3		2.0						
NO./HOUR	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	2	0	0	0	0	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 556

SYMBOLOPHORUS VERANYI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1			5.0		0.7					
2	0.08	1.3	2.0	1.0						
3	1.4		0.5							
4	0.3				0.3					
5	0.08									
NO./HOUR	1.9	1.3	7.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	23	2	15	1	3	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 557

SYMBOLOPHORUS VERANYI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
2	0.03		1.0							
3		0.9		0.3						
NO./HOUR	0.0	0.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	1	1	1	1	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 558

LOBIANCHIA DOFLEINI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	225	275	500	700	944
1			7.0	15.5		
2			1.3	10.5		
3				0.5		
NO./HOUR	0.0	0.0	8.3	26.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	2.0	3.0
NO. SPEC.	0	0	25	53	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 559

LOBIANCHIA DOFLEINI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
1						1.0		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	3	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 560

LOBIANCHIA DOFLEINI DAY — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1							1.7	0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	5	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 561

LOBIANCHIA DOFLEINI DAY — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	17.0	
NO./HOUR	17.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	17	0
NO. SAMPLES	1	1

TABLE 562

LOBIANCHIA DOFLEINI NIGHT — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1	1.0		52.0	0.3		0.3		
2			9.0	7.0	2.0			
NO./HOUR	1.0	0.0	61.0	7.3	2.0	0.3	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	0	61	22	2	1	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 563

LOBIANCHIA DOFLEINI NIGHT — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM / DEPTHS SAMPLED (M)	SURF	12	45	100	150	200	400	600	800	1000
1			12.0	1.0						
2			0.5	2.0	0.3	0.3	0.5			
NO./HOUR	0.0	0.0	12.5	3.0	0.3	0.3	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	25	3	1	1	1	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 564

LOBIANCHIA DOFLEINI NIGHT — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM / DEPTHS SAMPLED (M)	SURF	50	100	150	200	300	400	500	600	750
1		0.9	1.0							
2			1.0	2.3		0.3				
NO./HOUR	0.0	0.9	2.0	2.3	0.0	0.3	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	2	7	0	1	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 565

LOBIANCHIA DOFLEINI NIGHT — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM / DEPTHS SAMPLED (M)	SURF	50	80	135	155	250	325	425	510
1			2.0						
NO./HOUR	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	2	0	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 566

CIAPHUS RAFINESQUEI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
10				0.5		
11						
12				0.5		
13						
14				0.5		
15				0.5		
16						
17				0.5		
18						
19						
20						
21						
22						
23						
24						
25						
26						
27				0.5		
[redacted]						
70				0.5		
71						
72						
73						
74				0.5		
[redacted]						
94				1.0		
95						
96						
97						
98						
99						
100				1.0		
101						
102						
103						
104						
105				0.5		
NO./HOUR	0.0	0.0	0.0	6.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	13	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 567

DIAPHUS RAFINESQUEI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
BAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
27						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	1	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

PHUS RAFINESQUEI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
AY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
							0.7			
							0.3			
							0.3			
								0.3		
							0.3	0.7		
								0.7		
							0.3			
								0.3		
							0.3			
								0.3		
HOUR	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	0.0	0.0
HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
SPEC.	0	0	0	0	0	0	7	7	0	0
SAMPLES	2	6	2	6	2	3	3	3	2	2

US RAFINESQUEI

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

E
C

DEPTHS SAMPLED (M)

	500	700
	1.0	
	1.0	
CUR	2.0	0.0
CURS	1.0	1.0
PEC.	2	0
AMPLES	1	1

E 570

HUS RAFINESQUEI

Y

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
M

DEPTHS SAMPLED (M)

	160	250	340	410	495	675
						1.0
						0.5
HOUR	0.0	0.0	0.0	0.0	0.0	1.5
HOURS	1.0	1.0	1.0	1.0	1.0	2.0
SPEC.	0	0	0	0	0	3
SAMPLES	1	1	1	1	1	2

PHUS RAFINESQUEI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
IGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
AM

	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
							0.3	
					1.0	0.3		
							0.3	
HOUR	0.0	0.0	0.0	0.0	1.0	0.3	0.7	0.0
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
SPEC.	0	0	0	0	1	1	2	0
SAMPLES	2	1	1	3	1	3	3	3

PHUS RAFINESQUEI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
IGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
M

DEPTHS SAMPLED (M)

	SURF	12	45	100	150	200	400	600	800	1000
			0.5							
			0.5							
			0.5							
			0.5							
				1.0						
						0.3				
						0.3				
						0.7				
						0.3				
HOUR	0.0	0.0	2.0	1.0	0.0	1.7	0.0	0.0	0.0	0.0
HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
SPEC.	0	0	4	1	0	5	0	0	0	0
SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 573

DIAPHUS RAFINESQUEI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
4							0.3			
5										
6										
7										
8		0.9								
9										
10		0.9								
11										
12										
13										
14		0.9	1.0							
15										
16										
17		0.9								
[redacted]										
29				0.3						
[redacted]										
54	0.04			0.3						
55										
56										
57										
58						0.3				
59										
60										
61										
62										
63										
64										
65										
66							0.6			
67										
68										
69										
70							0.3			
71										
72										
73										
74						0.3	0.3			
75										
76										
77										
78										
79							0.3			
[redacted]										
89						0.3	0.3			
[redacted]										
100					0.5					
[redacted]										
137						0.3			0.3	
138										
139										
140										
141										
142										
143										
144								0.7		
[redacted]										
174										
[redacted]							0.3			
191									0.3	
NO./HOUR	0.0	3.7	1.0	0.7	0.5	1.3	2.6	0.7	0.7	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	1	4	1	2	1	4	8	2	2	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

BLE 574

APHUS RAFINESQUEI — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

LUME
UBIC
MM

	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
4									1.0
5									
6									
7									
8									
9									
0									
1									
2									
3									
4								

TABLE 575

DIAPHUS HOLTI
DAY

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
2				2.5		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20		0.5				
NO./HOUR	0.0	0.5	0.0	2.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	0	5	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 576

DIAPHUS HOLTI
DAY

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
2		1.0						
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 577

DIAPHUS HOLTI
DAY

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
2								2.7		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	8	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 578

DIAPHUS HOLTI
DAY

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
3	1.0	
NO./HOUR	1.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	0
NO. SAMPLES	1	1

TABLE 579

DIAPHUS HOLTI
DAY

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
2						0.5
3						0.5
4	1.0					
NO./HOUR	1.0	0.0	0.0	0.0	0.0	1.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	0	2
NO. SAMPLES	1	1	1	1	1	2

TABLE 580

DIAPHUS HOLTI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
2						0.3	0.7	
3								
4								
5								
6								
7								
8								
9								
10								
11				0.3				
12								
13								
14				1.0				
15				2.0	3.0			
16				0.7	4.0			
17				0.7	1.0			
18				0.7	1.0			
19								
20				0.3				
NO./HOUR	0.0	0.0	0.0	5.7	9.0	0.3	0.7	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	0	17	9	1	2	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 581

DIAPHUS HOLTI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
14				1.0						
15				1.0						
NO./HOUR	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	0	2	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 582

DIAPHUS HOLTI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
2			2.0		1.5				0.3	
3					0.5					
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14				0.3						
15										
16				0.3						
17										
18										
19			1.0							
NO./HOUR	0.0	0.0	3.0	0.7	2.0	0.0	0.0	0.0	0.3	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	3	2	4	0	0	0	1	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 583

DIAPHUS HOLTI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
2			1.0		5.0			1.0	
3					3.0				
4					1.0				
NO./HOUR	0.0	0.0	1.0	0.0	9.0	0.0	0.0	1.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	1	0	9	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 584

LAMPANYCTUS CROCODILUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
1					1.0	
2					18.2	
3					2.3	
4					0.3	
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						0.3
20						
21						
22						
23						
24						
25						
26						
27						0.3
[redacted]						
120						
121						
122						
123						
124						
125						
126					0.3	
NO./HOUR	0.0	0.0	0.0	0.0	22.1	0.7
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	0	67	2
NO. SAMPLES	3	2	3	2	3	3

TABLE 585

LAMPANYCTUS CROCODILUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC M	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
1							0.5	
2							7.0	
3		1.0					2.0	
4							0.5	
5								
6							0.5	
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								1.0
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								1.0
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	10.5	2.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0	21	2
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 586

LAMPANYCTUS CROCODILUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1		0.2	0.5	0.3						
2				0.2					2.0	
3									2.0	
4									1.0	
5										
6										
7										0.2
8									0.5	
9										0.2
100										
101										
102										
103										
104										
105										
106									0.5	
107										
108										
109										
110										
111										
112										
113										
114										
115										0.2
NO./HOUR	0.0	0.2	0.5	0.5	0.0	0.0	0.0	0.0	6.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	1	3	0	0	0	0	12	3
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

LE 587

PANYCTUS CROCODILUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
IGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

UME
BIC
MM

	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
				1.0				0.7
			2.0					
			2.0				0.3	0.3
								0.3
								0.3
								0.3
								0.3
HOUR	0.0	0.0	4.0	1.0	0.0	0.0	0.3	2.3
HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
SPEC.	0	0	4	3	0	0	1	7
SAMPLES	2	1	1	3	1	3	3	3

ANYCTUS CROCODILUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
GHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
M

	DEPTHS SAMPLED (M)								
SURF	12	45	100	150	200	400	600	800	1000
		5.5		0.3					
		3.0		0.3				0.3	
		1.5	1.0						
			1.0						
		0.5							
			1.0						
								0.3	
								0.3	
								0.3	
								0.3	
								0.3	
								0.3	
									0.3
								0.3	
									0.3
									0.3
									0.3
								0.3	
OUR 0.0	0.0	10.5	3.0	0.7	0.0	0.0	0.0	2.9	1.3
OURS 11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
PEC. 0	0	21	3	2	0	0	0	9	4
AMPLES 24	3	1	1	3	3	2	1	3	3

E 589

ANYCTUS CROCODILUS NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
GHT SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

ME
IC
M

	DEPTHS SAMPLED (M)								
SURF	50	100	150	200	300	400	500	600	750
	0.9	1.0						0.3	
									0.3
						0.3			
								0.3	
									0.3
						0.3			
									0.4
									0.3
0.0	0.9	1.0	0.0	0.0	0.0	0.6	0.0	0.7	1.3
29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
0	1	1	0	0	0	2	0	2	4
58	1	1	3	2	3	3	3	3	3

OUR
OURS
PEC.
AMPLES

TABLE 590

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
1				0.5	2.3	
2					2.0	0.3
3					3.7	
4					8.6	2.7
5					2.7	0.3
NO./HOUR	0.0	0.0	0.0	0.5	19.2	3.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	0	1	58	10
NO. SAMPLES	3	2	3	2	3	3

TABLE 591

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
3							0.5	
4							0.5	
5							0.5	
6							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	4	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 592

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1								17.1		
2									0.5	
3										
4									0.5	0.2
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	1.0	0.2
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	52	2	1
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 593

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1	1.0	13.0
NO./HOUR	1.0	13.0
NO. HOURS	1.0	1.0
NO. SPEC.	1	13
NO. SAMPLES	1	1

TABLE 594

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	160	250	340	410	495	675
1						2.0
2						
3						
4						
5	1.0					
NO./HOUR	1.0	0.0	0.0	0.0	0.0	2.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	1	0	0	0	0	4
NO. SAMPLES	1	1	1	1	1	2

TABLE 595

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1			7.0					
2			8.0					
3			6.0					
4			15.0	1.7				
5			2.0					
NO./HOUR	0.0	0.0	38.0	1.7	0.0	0.0	0.0	0.0
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	0	38	5	0	0	0	0
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 596

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1			7.5	1.0	0.7				0.3	
2			2.0		0.3					
3			1.5		0.3					
4			1.0	4.0						
5				1.0				1.0		
NO./HOUR	0.0	0.0	12.0	6.0	1.3	0.0	0.0	1.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	24	6	4	0	0	1	1	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 597

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
2		0.9	2.0							
3			3.0							
NO./HOUR	0.0	0.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	1	5	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 598

LAMPANYCTUS PUSILLUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
1		1.0	11.0				1.0		
2			1.0						
3			4.0	1.0					
4									
5									
6			1.0						
NO./HOUR	0.0	1.0	17.0	1.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	1	17	1	0	0	1	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 599

CERATOSCOPELUS MADERENSIS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)					
	150	235	375	500	700	940
1	0.3	0.5	0.3	0.5	105.0	0.3
2						
3						
4						1.3
5				0.5		0.3
6						0.3
NO./HOUR	0.3	0.5	0.3	1.0	105.0	2.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	1	1	1	2	317	7
NO. SAMPLES	3	2	3	2	3	3

TABLE 600

CERATOSCOPELUS MADERENSIS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	SURF	100	150	200	300	400	800	1000
1							21.5	
2								
3								
4								
5							0.5	
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	44	0
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 601

CERATOSCOPELUS MADERENSIS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	50	100	150	200	300	400	500	600	750	1000
1		0.2	0.5	0.7				1.3	72.0	3.2
2				0.2						
3										
4										
5										
6										
7										
8										0.2
NO./HOUR	0.0	0.2	0.5	0.8	0.0	0.0	0.0	1.3	72.0	3.4
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	1	5	0	0	0	4	144	9
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 602

CERATOSCOPELUS MADERENSIS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)	
	500	700
1		10.0
NO./HOUR	0.0	10.0
NO. HOURS	1.0	1.0
NO. SPEC.	0	10
NO. SAMPLES	1	1

TABLE 603

CERATOSCOPELUS MADERENSIS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
1	8.5	8.0	4.0	0.7		1.0	0.3	12.3
2								
3								
4	1.0		2.0	1.0				
5			1.0	1.3				
6	0.8		6.0	1.0				
7	1.0		1.0					
NO./HOUR	11.3	8.0	14.0	4.0	0.0	1.0	0.3	12.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	12	8	14	12	0	3	1	37
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 604

CERATOSCOPELUS MADERENSIS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1		94.1	8.5		3.0			1.0	3.3	
2										
3										
4										
5										
6			1.0							
7					0.3					
8										
9			0.5							
10			1.0							
11										
12										
13			1.0							
14										
15			0.5							
16										
17										
18										
19										
20										
21			0.5							
NO./HOUR	0.0	94.1	13.0	0.0	3.3	0.0	0.0	1.0	3.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	132	26	0	10	0	0	1	10	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 605

CERATOSCOPELUS MADERENSIS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
1		1.8	1.0		0.5	0.7			0.3	11.1
2										
3										
4										
5										
6										
7		C.S								
8		C.S								
9										
10										
11										
12										
13		C.S								
NO./HOUR	0.0	4.6	1.0	0.0	0.5	0.7	0.0	0.0	0.3	11.1
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	5	1	0	1	2	0	0	1	34
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 606

CERATOSCOPELUS MADERENSIS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)								
	SURF	50	80	135	155	250	325	425	510
1		8.0	38.0	7.0					
2			1.0						
3			1.0						
4									
5			1.0						
6			1.0						
7									
8			1.0						
9			1.0						
10									
11									
12			1.0						
NO./HOUR	0.0	8.0	45.0	7.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	8	45	7	0	0	0	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TABLE 607

NOTOSCOPELUS KROYERI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)							
	25	40	70	150	190	235	400	700
4	1.0	8.0	1.0	0.3				0.3
NO./HOUR	1.0	8.0	1.0	0.3	0.0	0.0	0.0	0.3
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	1	8	1	1	0	0	0	1
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 608

NOTOSCOPELUS KROYERI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
4		0.7	7.5							
NO./HOUR	0.0	0.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	1	15	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 609

NOTOSCOPELUS KROYERI
NIGHT

NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
4		3.7		0.3	0.5					
NO./HOUR	0.0	3.7	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	4	0	1	1	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 610

NCTOSCOPELUS ELONGATUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM | DEPTHS SAMPLED (M)

	150	235	375	500	700	940
2			0.3	1.0		
3				0.5		
NO./HOUR	0.0	0.0	0.3	1.5	0.0	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	1	3	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 611

NCTOSCOPELUS ELONGATUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
DAY — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM | DEPTHS SAMPLED (M)

	SURF	100	150	200	300	400	800	1000
2								1.0
3								2.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	0	0	3
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 612

NOTOSCOPELUS ELONGATUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	12	45	100	150	200	400	600	800	1000
1			1.0		0.3					
2			1.0							
3				1.0						
NO./HOUR	0.0	0.0	2.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	4	1	1	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 613

NOTOSCOPELUS ELONGATUS — NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
NIGHT — SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VOLUME CUBIC MM	DEPTHS SAMPLED (M)									
	SURF	50	100	150	200	300	400	500	600	750
3			1.0							
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	0	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3